



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-6319  | <b>Page No</b>         | 1 of 568   |
| <b>Validity</b>               | 13/01/2023 to 12/01/2025   | <b>Last Amended on</b> | 27/09/2023 |

| S.No  | Discipline / Group                         | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|--|--|--|--|
| LOCATION 1-D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA<br>Permanent Facility |  |  |  |  |
| 1   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products   | Shigella   | IS 5887 (Part-7)   |
| 2   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |
| 3   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises  | Listeria monocytogenes   | IS 14988 (P-1)   |
| 4   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta   | Bacillus cereus  | IS 5887 (P-6)  |
| 5   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta   | Coliform   | IS 5401 (Part-1)   |
| 6   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta   | E.coli   | IS 5887 (Part-1)   |
| 7   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta   | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 8   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta   | Listeria monocytogenes   | IS 14988 (P-1)   |
| 9   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta   | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 10  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta   | Shigella   | IS 5887 (Part-7)   |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
| <b>Certificate Number</b>     | TC-6319   | <b>Page No</b>         | 2 of 568   |
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|------|--|--|--|--|
| 11   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 12   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta | Sulfite Reducing bacteria  | ISO 15213  |
| 13   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta | Total plate Count  | IS 5402 (Part-1)   |
| 14   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta | vibrio cholerae  | IS 5887 (Part-5)   |
| 15   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Bhujia, Alloo bhujia, Peanuts, Moong dal, Boondi, Samosa, Petties, Burger , instant mixes, snacks and fast foods and spouted grains, batter and doughs instant noodles and pasta | Yeast & Mould  | IS 5403  |
| 16   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies                      | Bacillus cereus  | IS 5887 (P-6)  |
| 17   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies                      | Coliform   | IS 5401 (Part 1)   |
| 18   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies                      | E. coli O157   | IS:14397   |
| 19   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies                      | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 20   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies                      | Escherichia coli   | IS 5887 (Part 1)   |
| 21   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies                      | Listeria monocytogenes   | IS 14988 (P-1)   |
| 22   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies                      | Salmonella   | IS 5887 (Part 3/Sec-1)   |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
| <b>Certificate Number</b>     | TC-6319   | <b>Page No</b>         | 3 of 568   |
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|------|--|---|--|--|
| 23   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies | Shigella   | IS 5887 (Part 7)   |
| 24   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies | staphylococcus aureus  | IS 5887 (Part-2)   |
| 25   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies | Sulfite Reducing bacteria  | ISO 15213  |
| 26   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies | Total Plate Count  | IS 5402 (Part-1)   |
| 27   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies | Vibrio cholerae  | IS 5887 (Part-5)   |
| 28   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |
| 29   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Biscuit, Cookies,Bread, chewing gum, Hard boiled confectionery, pastries, brownies, cakes & egg products. Waffers, mousse cakes, dough nuts,candies,toffies | Yeast & Mould  | IS 5403  |
| 30   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food  | Coliform Count   | IS 5401 (Part 1)   |
| 31   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food  | Total Plate Count  | IS 5402 (Part-1)   |
| 32   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food  | Yeast & Mould Count  | IS 5403  |
| 33   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food.   | Bacillus cereus  | IS 5887 (P-6)  |
| 34   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food.   | E. coli O157   | IS:14397   |
| 35   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food.   | E.coli   | IS 5887 (Part-1)   |
| 36   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food.   | Enterobacteriaceae   | ISO 21528 (P-2)  |



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|------|--|---|--|--|
| 37   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food. | Listeria monocytogenes   | IS 14988 (P-1)   |
| 38   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food. | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 39   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food. | Shigella   | IS 5887 (Part-7)   |
| 40   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food. | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 41   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food. | Sulfite Reducing bacteria  | ISO 15213  |
| 42   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food. | Vibrio cholerae  | IS 5887 (Part-5)   |
| 43   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Canned food , Processed foods and Canned Cooked food. | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |
| 44   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee & Cocoa products                               | Coliform   | IS 5401 (Part-1)   |
| 45   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee & Cocoa products                               | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 46   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee & Cocoa products                               | Shigella   | IS 5887 (Part-7)   |
| 47   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee & Cocoa products                               | Total Plate Count  | IS 5402 (Part-1)   |
| 48   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee & Cocoa products                               | Vibrio cholerae  | IS 5887 (Part-5)   |
| 49   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee & Cocoa products                               | Yeast & Mould  | IS 5403  |
| 50   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee, Cocoa Products                                | Salmonella   | IS 5887 (Part 3/Sec-1)   |



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|------|--|---|--|--|
| 51   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee, Cocoa Products  | Staphylococcus aureus  | IS 5887 (Part 2)   |
| 52   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Coffee,cocoa products   | Escherichia coli   | IS 5887 (Part 1)   |
| 53   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Bacillus cereus  | IS 5887 (P-6)  |
| 54   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Coliform   | IS 5401 (Part-1)   |
| 55   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | E. coli  | IS 5887 (Part-1)   |
| 56   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 57   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Listeria monocytogenes   | IS 14988 (P-1)   |
| 58   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 59   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 60   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 61   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Sulfite Reducing bacteria  | ISO 15213  |
| 62   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Total Plate Count  | IS 5402 (Part-1)   |
| 63   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Dried/Dehydrated, Ground/powdered, Extracted, Wet ground(paste), Preserved/pickled.   | Yeast & Mould  | IS 5403  |
| 64   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Bacillus cereus  | IS 5887 (P-6)  |



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|------|--|---|--|--|
| 65   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Coliform   | IS 5401 (Part-1)   |
| 66   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | E. coli  | IS 5887 (Part-1)   |
| 67   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | E. coli  | IS 5887 (Part-1)   |
| 68   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | E. coli O157   | IS:14397   |
| 69   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 70   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Listeria monocytogenes   | IS 14988 (P-1)   |
| 71   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 72   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Shigella   | IS 5887 (Part-7)   |
| 73   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 74   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 75   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Sulfite Reducing bacteria  | ISO 15213  |
| 76   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Total Plate Count  | IS 5402 (Part-1)   |
| 77   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Vibrio cholerae  | IS 5887 (Part-5)   |
| 78   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products. | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |



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|------|--|---|--|--|
| 79   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, chilled/frozen Meat, Raw marinated/minced, Semi cooked, Smoked, Cured/pickled, dried, Fermented, cooked, Canned/Retort pouch meat & meat products.   | Yeast & Mould  | IS 5403  |
| 80   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Bacillus cereus  | IS 5887 (P-6)  |
| 81   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Coliform   | IS 5401 (Part 1)   |
| 82   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | E. coli O157   | IS:14397   |
| 83   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 84   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Escherichia coli   | IS 5887 (Part 1)   |
| 85   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Listeria monocytogenes   | IS 14988 (P-1)   |
| 86   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Salmonella   | IS 5887 (Part 3/Sec-1)   |
| 87   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Shigella   | IS 5887 (Part 7)   |
| 88   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 89   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked | Staphylococcus aureus  | IS 5887 (Part-2)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-6319  | <b>Page No</b>         | 8 of 568   |
| <b>Validity</b>               | 13/01/2023 to 12/01/2025   | <b>Last Amended on</b> | 27/09/2023 |

| S.No | Discipline / Group                         | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 90   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked       | Total Plate Count  | IS 5402 (Part-1)   |
| 91   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked       | Vibrio cholerae  | IS 5887 (Part-5)   |
| 92   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, Semi cooked       | Yeast & Mould  | IS 5403  |
| 93   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | fresh, Cut/processed, packaged including juice, with preservatives/ pasteurized juices, Carbonated fruit Beverages, frozen, Dehydrated/dried, Thermally processed, Retort processed, Cooked, Salad, semicooked        | Sulfite Reducing bacteria  | ISO 15213  |
| 94   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Bacillus cereus  | IS 5887 (P-6)  |
| 95   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Coliform   | IS 5401 (Part 1)   |
| 96   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | E. coli O157   | IS:14397   |
| 97   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 98   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Escherichia coli   | IS 5887 (Part 1)   |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 99   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Listeria monocytogenes   | IS 14988 (P-1)   |
| 100  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Salmonella   | IS 5887 (Part 3/Sec-1)   |
| 101  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Shigella   | IS 5887 (Part 7)   |
| 102  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 103  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 104  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Sulphite Reducing anaerobes  | ISO 15213  |
| 105  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Total Plate Count  | IS 5402 (Part-1)   |
| 106  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Vibrio cholerae  | IS 5887 (Part-5)   |
| 107  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 108  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Fresh, Cut/Processed, Packaged including Juice, with Preservatives/Pasteurized Juices, Carbonated fruit Beverages, frozen, Dehydrated/ dried, Thermally processed, Retort processed , Cooked, Salad, semi Cooked, raw | Yeast & Mould  | IS 5403  |
| 109  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Bacillus cereus  | IS 5887 (P-6)  |
| 110  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Coliform   | IS 5401 (Part-1)   |
| 111  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | E.coli   | IS 5887 (Part-1)   |
| 112  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 113  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Listeria monocytogenes   | IS 14988 (P-1)   |
| 114  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 115  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 116  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Sulfite Reducing bacteria  | ISO 15213  |
| 117  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Total Plate Count  | IS 5402 (Part-1)   |
| 118  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Vibrio cholerae  | IS 5887 (Part-5)   |
| 119  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Honey and Honey based products  | Yeast & Mould  | IS 5403  |
| 120  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder   | Coliform   | IS 5401 (Part-1)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|------------------------------|--|--|
| 121  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder  | E. coli  | IS 5887 (Part-1)   |
| 122  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder  | E. coli O157   | IS:14397   |
| 123  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder  | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 124  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder  | Listeria monocytogenes   | IS 14988 (P-1)   |
| 125  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder  | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 126  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder  | Shigella   | IS 5887 (Part-7)   |
| 127  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder  | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 128  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant food, Lactose powder  | Sulfite Reducing bacteria  | ISO 15213  |
| 129  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Foods, lactose powder | Total Plate Count  | IS 5402 (Part-1)   |
| 130  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Foods, lactose powder | Bacillus cereus  | IS 5887 (P-6)  |
| 131  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Foods, lactose powder | Vibrio cholerae  | IS 5887 (Part-1)   |
| 132  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Foods, Lactose powder | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |
| 133  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Foods, Lactose powder | Yeast & Mould  | IS 5403  |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 134  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Bacillus cereus  | IS 5887 (P-6)  |
| 135  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Coliform   | IS 5401 (Part 1)   |
| 136  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 137  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Escherichia coli   | IS 5887 (Part 1)   |
| 138  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Listeria monocytogenes   | IS 14988 (P-1)   |
| 139  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Salmonella   | IS 5887 (Part 3/Sec-1))  |
| 140  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Shigella   | IS 5887 (Part 7)   |
| 141  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 142  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products. | Sulfite Reducing bacteria  | ISO 15213  |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 143  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products.  | Total Plate Count  | IS 5402 (Part-1)   |
| 144  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products.  | Vibrio cholerae  | IS 5887 (Part-5)   |
| 145  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Malted & Malt Based Foods (Malted Milk Food, Malt Food), wheat and wheat products, Oats Premixes and fortified flours and other cereal, weaning foods, Mix Flours, Kuttu ka Atta, Suji, All purpose flour, besan. all type pulses ,Shingadhe ka atta , Corn and its products.  | Yeast & Mould  | IS 5403  |
| 146  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Sulfite Reducing bacteria  | ISO 15213  |
| 147  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | B. cereus  | IS 5887 (P-6)  |
| 148  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Escherichia coli   | IS 5887 (Part-1)   |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 149  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 150  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Vibrio cholerae  | IS 5887 (Part-5)   |
| 151  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Coliform   | IS 5401 (Part 1)   |
| 152  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | E. coli O 157  | IS:14397   |
| 153  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Enterobacteriaceae   | ISO:21528(P-2)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |   |                        |            |
|-------------------------------|---|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 154  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Escherichia coli   | IS 5887 (Part 1)   |
| 155  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | L. monocytogenes   | IS 14988 (P-1)   |
| 156  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Salmonella   | IS 5887 (Part 3/Sec-1)   |
| 157  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Shigella   | IS 5887 (Part 7)   |
| 158  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Staphylococcus aureus  | IS 5887 (Part 2)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 159  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Total Plate Count  | IS 5402 (Part-1)   |
| 160  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk (Sterilized, Flavored, Pasteurized, UHT ,Condensed, Sweetened), Buttermilk powder, SMP, Dairy Whitener, Cream powder, ice cream, Lactose, whey powder, Casein powder, Infant milk food, cereal based complementary food, follow up formula, frozen dessert, Processed cheese, Cheese spread, other cheese like cheddar, cottage, soft semi soft, Fermented milk products, Paneer, Chhana, khoya and their products. | Yeast & Mould  | IS 5403  |
| 161  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachiau, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products  | Salmonella   | IS 5887 (Part 3/Sec-1)   |
| 162  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachiau, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products  | Staphylococcus aureus  | IS 5887 (Part 2)   |
| 163  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachiau, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products  | Total Plate Count  | IS 5402 (Part-1)   |
| 164  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products   | Bacillus cereus  | IS 5887 (P-6)  |
| 165  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products   | Coliform   | IS 5401 (Part-1)   |
| 166  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products   | E.coli   | IS 5887 (Part-1)   |
| 167  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products   | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 168  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products   | Listeria monocytogenes   | IS 14988 (P-1)   |
| 169  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products   | Shigella   | IS 5887 (Part 7)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 170  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products | Sulfite Reducing bacteria  | ISO 15213  |
| 171  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products | Vibrio cholerae  | IS 5887 (Part-5)   |
| 172  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Nuts & Nut Products Dry fruits -almonds, cashew nuts, pistachio, walnuts and their products. kishmish, munakka, khumani, dates, peanuts and their products | Yeast & Mould  | IS 5403  |
| 173  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products)   | Coliform   | IS 5401 (Part-1)   |
| 174  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | Bacillus cereus  | IS 5887 (P-6)  |
| 175  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | E. coli  | IS 5887 (Part-1)   |
| 176  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | E. coli  | IS 5887 (Part-1)   |
| 177  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | E. coli O157   | IS:14397   |
| 178  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 179  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | Listeria monocytogenes   | IS 14988 (P-1)   |
| 180  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 181  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | Shigella   | IS 5887 (Part-7)   |
| 182  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 183  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).  | Staphylococcus aureus  | IS 5887 (Part-2)   |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 184  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).   | Sulfite Reducing bacteria  | ISO 15213  |
| 185  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).   | Total Plate Count  | IS 5402 (Part-1)   |
| 186  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).   | Vibrio cholerae  | IS 5887 (Part-5)   |
| 187  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).   | Vibrio Parahaemolyticus  | IS 5887 (Part-5)   |
| 188  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Other Food Products ( Pan masala, mouth freshner, katha, soybean based products).   | Yeast & Mould  | IS 5403  |
| 189  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 190  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | Coliform   | IS 5401 (Part1)  |
| 191  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | E. coli  | IS 5887 (Part-1)   |
| 192  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | E. coli O157   | IS:14397   |
| 193  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 194  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | Listeria monocytogenes   | IS 14988 (P-1)   |
| 195  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 196  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | Shigella   | IS 5887 (Part-7)   |
| 197  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages | Total Plate Count  | IS 5402 (Part-1)   |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 198  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages    | Vibrio cholerae  | IS 5887 (Part-5)   |
| 199  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages    | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |
| 200  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft Drink, Fruit Juice Concentrate, Fruit Beer, Carbonated/ Non carbonated beverages, Vinegars, Drinking soda, Alcoholic and Non alcoholic beverages    | Yeast & Mould  | IS 5403  |
| 201  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | Coliform   | IS 5401 (Part-1)   |
| 202  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | E. coli  | IS 5887 (Part-1)   |
| 203  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 204  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 205  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | Shigella   | IS 5887 (Part-7)   |
| 206  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 207  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | Total Plate Count  | IS 5402 (Part-1)   |
| 208  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | Vibrio cholerae  | IS 5887 (Part-5)   |
| 209  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sugar, sugar syrup, hard boiled sugar, candy, Invert syrups, Caramelized sugar, Refined sugar, cube sugar, raw sugar, jaggery And its products, chickees | Yeast & Mould Count  | IS 5403  |
| 210  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises                                    | Bacillus cereus  | IS 5887 (P-6)  |
| 211  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises                                    | Coliform   | IS 5401 (Part-1)   |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group                         | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 212  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises | E. coli  | IS 5887 (Part-1)   |
| 213  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 214  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises | Salmonella   | IS 5887 (Part-3/Sec-1)   |
| 215  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises | Shigella   | IS 5887 (Part-7)   |
| 216  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 217  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises | Sulfite Reducing bacteria  | ISO 15213  |
| 218  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises | Total Plate Count  | IS 5402 (Part-1)   |
| 219  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Table egg, pasteurized liquid egg, Frozen /dried /egg products cooked/ready to eat egg products including mayonnaises | Yeast & Mould  | IS 5403  |
| 220  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves  | Enterobacteriaceae   | ISO 21528 (P-2)  |
| 221  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves.   | Coliform   | IS 5401 (Part-1)   |
| 222  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves.   | Escherichia coli   | IS 5887 (Part 1)   |
| 223  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves.   | Salmonella   | IS 5887 (Part 3/Sec-1)   |
| 224  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves.   | Shigella   | IS 5887 (Part-7)   |
| 225  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves.   | Staphylococcus aureus  | IS 5887 (Part 2)   |



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|------|--|--|--|--|
| 226  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves.  | Total Plate Count  | IS 5402 (Part-1)   |
| 227  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves.  | Vibrio cholerae  | IS 5887 (Part-5)   |
| 228  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Tea and its products, raw tea leaves.  | Yeast & Mould  | IS 5403  |
| 229  | BIOLOGICAL- WATER                          | D.M. water   | Escherichia Coli   | IS 15185   |
| 230  | BIOLOGICAL- WATER                          | D.M.water  | Faecal streptococci  | IS 15186   |
| 231  | BIOLOGICAL- WATER                          | D.M.water  | Pseudomonas aeruginosa   | IS 13428 Annex-D   |
| 232  | BIOLOGICAL- WATER                          | D.M.water  | Salmonella   | IS 15187   |
| 233  | BIOLOGICAL- WATER                          | D.M.water  | Shigella   | IS 5887 (Part-7)   |
| 234  | BIOLOGICAL- WATER                          | D.M.water  | Standard Plate Count   | IS 1622  |
| 235  | BIOLOGICAL- WATER                          | D.M.water  | Staphylococcus aureus  | IS 5887 (Part-2)   |
| 236  | BIOLOGICAL- WATER                          | D.M.water  | Sulphite Reducing clostridia   | IS 13428 Annex-C   |
| 237  | BIOLOGICAL- WATER                          | D.M.water  | Vibrio cholera   | IS 5887 (Part-5)   |
| 238  | BIOLOGICAL- WATER                          | D.M.water  | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |
| 239  | BIOLOGICAL- WATER                          | D.M.water  | Yeast & Mould Count  | IS 5403  |
| 240  | BIOLOGICAL- WATER                          | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Coliforms  | IS 15185   |
| 241  | BIOLOGICAL- WATER                          | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Escherichia coli   | IS 15185   |
| 242  | BIOLOGICAL- WATER                          | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Faecal streptococci  | IS 15186   |
| 243  | BIOLOGICAL- WATER                          | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Pseudomonas aeruginosa   | "IS 13428 Annex-D "  |
| 244  | BIOLOGICAL- WATER                          | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Salmonella   | IS 15187   |
| 245  | BIOLOGICAL- WATER                          | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Shigella   | IS 5887 (Part-7)   |
| 246  | BIOLOGICAL- WATER                          | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Standard plate count   | IS 1622  |
| 247  | BIOLOGICAL- WATER                          | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Staphylococcus aureus  | IS 5887 (Part-2)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
| <b>Certificate Number</b>     | TC-6319   | <b>Page No</b>         | 22 of 568  |
| <b>Validity</b>               | 13/01/2023 to 12/01/2025  | <b>Last Amended on</b> | 27/09/2023 |

| S.No | Discipline / Group | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--------------------|--|--|--|
| 248  | BIOLOGICAL- WATER  | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Sulphite Reducing anaerobes  | "IS 13428 Annex-C "  |
| 249  | BIOLOGICAL- WATER  | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Vibrio cholerae  | IS 5887 (Part-5)   |
| 250  | BIOLOGICAL- WATER  | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Vibrio parahaemolyticus  | IS 5887 (Part-5)   |
| 251  | BIOLOGICAL- WATER  | Drinking Water (borewell water, ground water, raw water, tap water, R O water) | Yeast & Mould  | IS 5403  |
| 252  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Aerobic Microbial Count (At 22 degree Celsius)   | IS 5402 (Part-1)   |
| 253  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Aerobic Microbial Count (At 37 Degree Celsius)   | IS 5402 (Part-1)   |
| 254  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Coliform   | IS 15185   |
| 255  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Coliform   | IS 5401 (Part 1)   |
| 256  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Escherichia coli   | IS 5887 (Part 1)   |
| 257  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Faecal streptococci  | IS 15186   |
| 258  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Pseudomonas aeruginosa   | IS 13428 Annexure D  |
| 259  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Salmonella   | IS 15187   |
| 260  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Shigella   | IS 5887 (Part 7)   |
| 261  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Staphylococcus aureus  | IS 5887 (Part 2)   |
| 262  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Sulphite reducing anaerobes  | IS 13428 Annexure D  |
| 263  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Vibrio cholerae  | IS 5887 (Part 5)   |
| 264  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Vibrio parahaemolyticus  | IS 5887 (Part 5)   |
| 265  | BIOLOGICAL- WATER  | Packaged Drinking Water  | Yeast & Mould  | IS 5403  |
| 266  | BIOLOGICAL- WATER  | Packaged Natural Mineral water   | Coliform   | IS 15185   |
| 267  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water   | Coliform   | IS 5401 (Part 1)   |
| 268  | BIOLOGICAL- WATER  | Packaged Natural Mineral water   | E.coli   | IS 15185   |
| 269  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water   | Escherichia Coli   | IS 5887 (Part 1)   |
| 270  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water   | Faecal Streptococci  | IS 15186   |
| 271  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water   | Pseudomonas aeruginosa   | IS 13428 Annexure D  |
| 272  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water   | Salmonella   | IS 15187   |
| 273  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water   | Shigella   | IS 5887 (Part 7)   |
| 274  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water   | Staphylococcus aureus  | IS 5887 (Part 2)   |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used  |
|------|--|--|--|---|
| 275  | BIOLOGICAL- WATER                      | Packaged Natural Mineral Water   | Sulphite Reducing anaerobes  | IS 13428 Annexure C   |
| 276  | BIOLOGICAL- WATER                      | Packaged Natural Mineral Water   | Vibrio cholerae  | IS 5887 (Part 5)  |
| 277  | BIOLOGICAL- WATER                      | Packaged Natural Mineral Water   | Vibrio parahaemolyticus  | IS 5887 (Part 5)  |
| 278  | BIOLOGICAL- WATER                      | Packaged Natural Mineral Water   | Yeast & Mould  | IS 5403   |
| 279  | BIOLOGICAL- WATER                      | Swimming Pool Water  | Coliform   | IS 1622   |
| 280  | BIOLOGICAL- WATER                      | Swimming Pool Water  | E. coli  | IS 1622   |
| 281  | BIOLOGICAL- WATER                      | Water for Processed Food Industry  | Coliform   | IS 1622   |
| 282  | BIOLOGICAL- WATER                      | Water for Processed Food Industry  | Coliforms  | IS 15185  |
| 283  | BIOLOGICAL- WATER                      | Water for Processed Food Industry  | E. coli  | IS 1622   |
| 284  | BIOLOGICAL- WATER                      | Water for Processed Food Industry  | Escherichia coli   | IS 15185  |
| 285  | BIOLOGICAL- WATER                      | Water for Processed Food Industry  | Lipolytic Bacteria   | IS 4251   |
| 286  | BIOLOGICAL- WATER                      | Water for Processed Food Industry  | Proteolytic Bacteria   | IS 4251   |
| 287  | BIOLOGICAL- WATER                      | Water for Processed Food Industry  | Standard Plate Count   | IS 1622   |
| 288  | BIOLOGICAL- WATER                      | Water for Swimming Pool and Spas   | Coliforms  | IS 15185  |
| 289  | BIOLOGICAL- WATER                      | Water for Swimming Pool and Spas   | Escherichia coli   | IS 15185  |
| 290  | BIOLOGICAL- WATER                      | Water for Swimming Pool and Spas   | Standard Plate Count   | IS 3328:1993  |
| 291  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes)   | Acid insoluble ash   | IS 1155: 1968 (RA 2022) , IS 1009:1979 (RA 2020), IS 1010: 1968 (RA 2020), IS 12711:1989 (RA 2020), IS 1011: 2002 (RA 2019), IS 1158: (R:2020) FSSAI Lab Manual for cereal and cereal product |
| 292  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes, ) | Crude fiber  | IS 1155: 1968 (RA 2022), IS 12711:1989 (RA 2020), IS 1483:1988 (RA 2020), IS 1158: 1973 (R:2020), FSSAI Lab Manual for cereal and cereal product  |
| 293  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes, ) | Fat  | IS 4684:  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used  |
|------|--|--|--|---|
| 294  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes, ) | Moisture   | IS 1155: 1968 (RA 2022) , IS 1009:1979 (RA 2020), IS 1010: 1968 (RA 2020), IS 12711:1989 (RA 2020), IS 1011: 2002 (RA 2019), IS 1158: (R:2020) FSSAI Lab Manual for cereal and cereal product                           |
| 295  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes, ) | Acidity of extracted fat   | FSSAI (Cereal & Cereal Products 14.5 : page no 41   |
| 296  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes, ) | Ash  | IS 1155: 1968 (RA 2022) , IS 1009:1979 (RA 2020), IS 1010: 1968 (RA 2020), IS 12711:1989 (RA 2020), IS 1011: 2002 (RA 2019), IS 1158: (R:2020) FSSAI Lab Manual for cereal and cereal product 19)                       |
| 297  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes, ) | Carbohydrate   | IS 1656: RA 2018  |
| 298  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes, ) | Gluten   | IS 1155: 1968 (RA 2022), IS 1009:1979 (RA 2020), IS 1010: 1968 (RA 2020), FSSAI Lab Manual for cereal and cereal product  |
| 299  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | (Atta, Maida, Suji, Besan, Wheat, Milled Rice, Parboiled rice, Masur Whole, Urd Whole, Moong Whole, Chana Whole, Arhar Dal, Moong Dal, Urd Dal, Chana Dal, Masur Dal, corn flakes,)  | Alcoholic Acidity  | IS 1155: 1968 (RA 2022), IS 1009:1979 (RA 2020), IS 1010: 1968 (RA 2020), IS 12711:1989 (RA 2020), IS 1011: 2002 (RA 2019), IS 1158: 1973 (R:2020), 11231:1985 (R:2020), FSSAI Lab Manual for cereal and cereal product |
| 300  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Sugar  | IS: 6287  |
| 301  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Acid Insoluble ash   | IS :1011  |
| 302  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Acidity of Extracted Fat   | IS :12711 (RA 2020)   |



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## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 303  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Ash  | IS :12711 (RA 2020)  |
| 304  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Carbohydrate   | IS 1656(RA 2018)   |
| 305  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Fat  | IS 12711: (RA:2020) FSSAI Lab Manual for cereal and cereal product                                   |
| 306  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Moisture   | IS :12711 (RA 2020)  |
| 307  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Protein  | IS 7219: 1973 (RA 2020)  |
| 308  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars,   | Total Ash  | IS :12711 (RA 2020)  |
| 309  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All baked products perishable & non perishable, All varieties of desserts, Cakes, Biscuit, Bread, Suji Rusk, Pastries, Puffs, Cereal bars, , | Energy (Calories)  | FAO (Atwater general system)   |
| 310  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil,Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, )               | Acid value   | IS 548 (P-I) (sec-2)2021, FSSAI Lab Manual for oil & Fats  |
| 311  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil,Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, )               | Free Fatty Acid (As oleic acid)  | IS 548 (P-I) (sec-2)2021, FSSAI Lab Manual for oil & Fats  |
| 312  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil,Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, )               | Iodine Value   | IS 548 (P-I) (sec-2)2021, FSSAI Lab Manual for oil & Fats  |
| 313  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil,Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, )               | Moisture and volatile impurities   | IS 548 (P-I) (sec-2)2021, FSSAI Lab Manual for oil & Fats  |
| 314  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil,Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, )               | Peroxide Value   | IS 548 (P-I) (sec-2)2021, FSSAI Lab Manual for oil & Fats  |
| 315  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil,Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, )               | Refractive index at 40°C   | IS 548 (P-I) (sec-2)2021, FSSAI Lab Manual for oil & Fats  |
| 316  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil,Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, )               | Saponification Value   | IS 548 (P-I) (sec-2)2021, FSSAI Lab Manual for oil & Fats  |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 317  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil, Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, ) | Specific Gravity   | IS 548 (P-I) (sec-2)2021, FSSAI Lab Manual for oil & Fats  |
| 318  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coconut Oil, Groundnut Oil, Mustard Oil, Olive Oil, Til Oil, Soyabean Oil, Sunflower Seed Oil, Corn oil, ghee, Rice Bran Oil, ) | Tests for Mineral Oil  | IS:548 (Part-2): 1964 (RA-2020), FSSAI Lab Manual for oil & Fats                                     |
| 319  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt, Iodized Salt, Vacuum Evaporated Iodized salt, Refined Iodized salt & Iron fortified salt                    | Alkalinity (As Na <sub>2</sub> CO <sub>3</sub> )   | IS 7224: 2006 (RA 2021)/ IS 253: 2014 (RA2020)   |
| 320  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt, Iodized Salt, Vacuum Evaporated Iodized salt, Refined Iodized salt & Iron fortified salt                    | Iodine content   | IS 7224: 2006 (RA 2021)/ IS 16232:2014 (RA 2020)   |
| 321  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt, Iodized Salt, Vacuum Evaporated Iodized salt, Refined Iodized salt & Iron fortified salt                    | Matter Insoluble in Water  | IS 7224: 2006 (RA 2021)/ IS 253: 2014 (RA2020)   |
| 322  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt, Iodized Salt, Vacuum Evaporated Iodized salt, Refined Iodized salt & Iron fortified salt                    | Matter soluble in Water other than sodium chloride   | IS 7224: 2006 (RA 2021)/ IS 253: 2014 (RA2020)   |
| 323  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt, Iodized Salt, Vacuum Evaporated Iodized salt, Refined Iodized salt & Iron fortified salt                    | Moisture   | IS 7224: 2006 (RA 2021)/ IS 253: 2014 (RA2020)   |
| 324  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt, Iodized Salt, Vacuum Evaporated Iodized salt, Refined Iodized salt & Iron fortified salt                    | Sodium Chloride (as NaCl)  | IS 7224: 2006 (RA 2021)/ IS 253: 2014 (RA2020)   |
| 325  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt, Iodized Salt, Vacuum Evaporated Iodized salt, Refined Iodized salt & Iron fortified salt                    | Sulphate (As SO <sub>4</sub> )   | IS 7224: 2006 (RA 2021)/ IS 253: 2014 (RA2020)   |
| 326  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey   | Acidity(as Formic acid)  | IS 4941:1994 (RA:2019)/ FSSAI Lab manual for Beverages, Sugar and confectionery Products             |
| 327  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey   | Ash  | IS 4941:1994 (RA:2019)/ FSSAI Lab manual for Beverages, Sugar and confectionery Products             |
| 328  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey   | Fructose/Glucose Ratio   | IS 4941:1994 (RA:2019)/ FSSAI Lab manual for Beverages, Sugar and confectionery Products             |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested                  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 329  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey   | Moisture   | IS 4941:1994 (RA:2019)/ FSSAI Lab manual for Beverages, Sugar and confectionery Products             |
| 330  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey   | Specific gravity at 27°C   | IS 4941:1994 (RA:2019)/ FSSAI Lab manual for Beverages, Sugar and confectionery Products             |
| 331  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey   | Sucrose  | IS 4941:1994 (RA:2019)/ FSSAI Lab manual for Beverages, Sugar and confectionery Products             |
| 332  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey   | Total Reducing sugar   | IS 4941:1994 (RA:2019)/ FSSAI Lab manual for Beverages, Sugar and confectionery Products             |
| 333  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ketchup, Mango Chutney Ketchup, Mango Chutney | Total Soluble Solids   | IS 3882:1966 (RA:2019) FSSAI Lab manual for Fruit & Vegetable Products                               |
| 334  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ketchup, Mango Chutney                        | Specific Gravity   | IS 3882:(RA:2019)  |
| 335  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ketchup, Mango chutney, Fruit Juice           | Acidity (as acetic acid)   | IS 3882:1966 (RA:2019) FSSAI Lab manual for Fruit & Vegetable Products                               |
| 336  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mango chutney, Fruit Juice                    | Acid insoluble ash   | IS 3500:2020 / FSSAI Lab manual for Fruit & Vegetable Products                                       |
| 337  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mango chutney, Fruit Juice                    | Benzoic acid   | IS 3500:   |
| 338  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mango chutney, Fruit Juice                    | Total Ash  | IS 3500:2020 / FSSAI Lab manual for Fruit & Vegetable Products                                       |
| 339  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen , Ready to eat snacks                 | Ash  | IS 15271:2003(RA 2019)   |
| 340  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Ready to eat snacks                  | Acid insoluble ash   | IS 15271: 2003 (RA:2019)   |



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|------|--|----------------------------------|--|---|
| 341  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Ready to eat snacks     | Carbohydrate   | IS 1656:(RA 2018)   |
| 342  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Ready to eat snacks etc | Moisture   | IS 15271: 2003 (RA:2019)  |
| 343  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen,Ready to eat snacks      | Acid value of extracted fat  | IS 15271: (RA:2019)   |
| 344  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen,Ready to eat snacks      | Energy   | FAO The Atwater general system  |
| 345  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen,Ready to eat snacks      | Fat  | IS 15271: (RA:2019)   |
| 346  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen,Ready to eat snacks      | Peroxide Value   | IS 15271: 2003 (RA:2019)  |
| 347  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen,Ready to eat snacks      | Protein  | IS 7219: (RA 2020)  |
| 348  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea ,Coffee                      | Petroleum ether extract  | IS 3077:  |
| 349  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea ,Coffee                      | Solubility in cold water at 16±2°C   | IS 2791: 2022 / FSSAI Lab manual for Beverages, Sugar and confectionery Products  |
| 350  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea ,Coffee                      | Water soluble matter   | IS 3077:  |
| 351  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee                      | Acid Insoluble Ash   | IS 13856: 1993 (RA:2019)/ IS 3077:2022/IS 3633:2003 RA 2018 +A2 2021 FSSAI Lab manual for Beverages, Sugar and confectionery Products |
| 352  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee                      | Alkalinity of Water soluble Ash  | IS 13856: 1993 (RA:2019)/ IS 3077:2022/IS 3633:2003 RA 2018 +A2 2021 FSSAI Lab manual for Beverages, Sugar and confectionery Products |



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|------|--|--|--|---|
| 353  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee  | Caffeine content   | IS 3077:  |
| 354  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee  | Crude Fiber  | IS 16041:2012 (RA) / FSSAI Lab manual for Beverages, Sugar and confectionery Products   |
| 355  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee  | Moisture / Loss in Mass  | IS 13853: 1994 (RA:2019)/ IS 3077:2022/IS 3633:2003 RA 2018 +A2 2021 FSSAI Lab manual for Beverages, Sugar and confectionery Products |
| 356  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee  | Solubility in boiling water  | IS 2791: 2022 / FSSAI Lab manual for Beverages, Sugar and confectionery Products  |
| 357  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee  | Total Ash  | IS 13854: 1994 (RA:2019)/ IS 3077:2022/IS 3633:2003 RA 2018 +A2 2021 FSSAI Lab manual for Beverages, Sugar and confectionery Products |
| 358  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee  | Water extract  | IS 13862: 1999 (RA:2019) / FSSAI Lab manual for Beverages, Sugar and confectionery Products   |
| 359  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea, Coffee  | Water soluble Ash  | IS 13855: 1993 (RA:2019)/ IS 3077:2022/IS 3633:2003 RA 2018 +A2 2021 FSSAI Lab manual for Beverages, Sugar and confectionery Products |
| 360  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Non-Volatile Ether Extract   | IS 3576:2010 (RA2020) / FSSAI LabManual for Spices, Herbs & Condiments  |
| 361  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Volatile Oil Content   | FSSAI Lab Manual for Spices & Condiments :2021 FSSAI 10.013:2021,PageNo.32-35   |
| 362  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Acid Insoluble Ash   | IS 3576:(RA2020) / FSSAI LabManual for Spices, Herbs & Condiments   |
| 363  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Alcohol soluble extract  | IS 3576:2010 (RA2020) / FSSAI LabManual for Spices, Herbs & Condiments  |



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|------|--|--|--|--|
| 364  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Carbohydrate   | IS 1656: (RA 2018)   |
| 365  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Cold Water soluble Extract   | IS 3576:2010 (RA2020) / FSSAI LabManual for Spices, Herbs & Condiments                               |
| 366  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Crude Fibre  | IS 3576:2010 (RA2020) / FSSAI LabManual for Spices, Herbs & Condiments                               |
| 367  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Curcumin content (only in Turmeric)  | Annex B of IS 10925 :1984 (RA:2019) / FSSAI Lab Manual for Spices, Herbs & Condiments                |
| 368  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Energy (Calories)  | FAO The Atwater general system   |
| 369  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Extraneous Matter  | IS:1797: 2017 (RA 2021)/ FSSAI LabManual for Spices, Herbs & Condiments                              |
| 370  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Fat  | IS 15271: (RA 2019)  |
| 371  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Lead chromates   | IS 3576:2010 (RA2020) / FSSAI LabManual for Spices, Herbs & Condiments                               |
| 372  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Moisture   | IS 3576: (RA2020) / FSSAI LabManual for Spices, Herbs & Condiments                                   |
| 373  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Protein  | IS 7219: (RA 2020)   |
| 374  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Total Ash  | IS 3576:2010 (RA2020) / FSSAI LabManual for Spices, Herbs & Condiments                               |



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|------|--|--|--|--|
| 375  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS     | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Total Starch   | IS: 4706 (Part 2): 1978 (RA 2020) / FSSAI Lab Manual for Spices, Herbs & Condiments                  |
| 376  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS     | Whole & ground : ((Cardamom, Chillies, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fennel, Fenugreek, Mustard, Black Pepper, Turmeric, Aniseed, Ajawain, Asafoetida, , garam- masala) | Water insoluble ash  | IS 3576:2010 (RA2020) / FSSAI LabManual for Spices, Herbs & Condiments                               |
| 377  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Rubber & Rubber Products   | Carbon Black Content/ Chemical Analysis (In rubber and rubber products)                                    | IS 3400 part 22-2013   |
| 378  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Footwear metal accessories/Jewellery/Chemicals/Coatigs   | Nickel Release   | EN 1811:2011,A1 2015, EN 12472   |
| 379  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 2,4- Xylidine  | IS 582 part-5 Sec-1 : 2018   |
| 380  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 2,4,5-trimethylaniline   | IS 582 part-5 Sec-1 : 2018   |
| 381  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 2,4-diaminoanisole   | IS 582 part-5 Sec-1 : 2018   |
| 382  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 2,4-toluenediamine   | IS 582 part-5 Sec-1 : 2018   |
| 383  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 2,6- Xylidine  | IS 582 part-5 Sec-1 : 2018   |
| 384  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 2-amino-4-nitroluene   | IS 582 part-5 Sec-1 : 2018   |
| 385  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 2-methoxyaniline   | IS 582 part-5 Sec-1 : 2018   |
| 386  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 2-naphthylamine  | IS 582 part-5 Sec-1 : 2018   |
| 387  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 3,3-dichlorobenzidine  | IS 582 part-5 Sec-1 : 2018   |



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|------|--|------------------------------|--|--|
| 388  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 3,3-dimethyl-4,4-diaminophenylmethane  | IS 582 part-5 Sec-1 : 2018   |
| 389  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 3,3dimethylbenzidine   | IS 582 part-5 Sec-1 : 2018   |
| 390  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 4,4,methylen-bis(2-chloraniline)   | IS 582 part-5 Sec-1 : 2018   |
| 391  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 4,4-Diaminodiphenylmethane   | IS 582 part-5 Sec-1 : 2018   |
| 392  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 4,4-oxidianiline   | IS 582 part-5 Sec-1 : 2018   |
| 393  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 4,4-thiodianline   | IS 582 part-5 Sec-1 : 2018   |
| 394  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 4-aminoazobenzene  | IS 582 part-5 Sec-2 : 2018   |
| 395  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 4-aminobiphenyl  | IS 582 part-5 Sec-1 : 2018   |
| 396  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | 4-chloro-toluidine   | IS 582 part-5 Sec-1 : 2018   |
| 397  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | Benzidine  | IS 582 part-5 Sec-1 : 2018   |
| 398  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | o-aminoazotoluene  | IS 582 part-5 Sec-1 : 2018   |
| 399  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | o-toluidine  | IS 582 part-5 Sec-1 : 2018   |
| 400  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | p-chloroaniline  | IS 582 part-5 Sec-1 : 2018   |
| 401  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products   | p-cresidine  | IS 582 part-5 Sec-1 : 2018   |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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|------|--|---|--|--|
| 402  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products,   | Determination of Chromium ( VI ) Content in Leather  | IS 582(P-11, Sec 1):2022, ISO 17075:2007, IS 16259:RA 2019   |
| 403  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather & Leather Products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others   | Dimethyl fumarate (DMFU)   | IS 16991:2018  |
| 404  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products  | pentachlorophenol  | IS 14575:1999 RA :2019   |
| 405  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather Products  | Formaldehyde   | IS 16297-1: 2014, RA 2019,IS 16297-2:2015  |
| 406  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Dibutyltin dichloride  | IS 16981:2018  |
| 407  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Dibutyltin   | IS 16981:2018  |
| 408  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Diocetyl tin   | IS 16981:2018  |
| 409  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Monobutyltin   | IS 16981:2018  |
| 410  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Monocetyl tin  | IS 16981:2018  |
| 411  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Tributyltin  | IS 16981:2018  |
| 412  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Triphenyltin   | IS 16981:2018  |
| 413  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Butylbenzylphthalate   | IS 16915:2018  |
| 414  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Di-(2-ethylhexyl)-phthalate  | IS 16915:2018  |
| 415  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Dibutylphthalate   | IS 16915:2018  |



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|------|--|---|--|--|
| 416  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Di-isobutyl phthalate  | IS 16915:2018  |
| 417  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Di-iso-decylphthalate  | IS 16915:2018  |
| 418  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Di-iso-nonylphthalate  | IS 16915:2018  |
| 419  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Leather and leather products, Textile and textile Products, Plastics & other polymeric products, Rubber & Rubber Products, Others | Di-n- octylphthalate   | IS 16915:2018  |
| 420  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic & Resins  | Cadmium  | IEC62321-5 :2013   |
| 421  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic & Resins  | Lead   | IEC62321-5 :2013   |
| 422  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic & Resins  | Mercury  | IEC62321-4:2013 + A1 :2017   |
| 423  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle  | Migration of Arsenic   | IS 14625:2015  |
| 424  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle  | Migration of Barium  | IS 14625:2015  |
| 425  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle  | Migration of Chromium  | IS 14625:2015  |
| 426  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle  | Migration of Lead  | IS 14625:2015  |
| 427  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle  | Migration of Mercury   | IS 14625:2015  |
| 428  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle  | Migration of Selenium  | IS 14625:2015  |
| 429  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle  | Migration of Cadmium   | IS 14625:2015  |



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|------|--|--|--|--|
| 430  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle   | Migration of Antimony  | IS 14625:2015  |
| 431  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle   | Migration of Cobalt  | IS 14625:2015  |
| 432  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle   | Migration of Copper  | IS 14625:2015  |
| 433  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle   | Migration of Iron  | IS 14625:2015  |
| 434  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle   | Migration of Lithium   | IS 14625:2015  |
| 435  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle   | Migration of Manganese   | IS 14625:2015  |
| 436  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastic Feeding Bottle   | Migration of Zinc  | IS 14625:2015  |
| 437  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastics & plastics product  | Filler content   | ASTMD 2584-2018  |
| 438  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastics & plastics product  | Loss on ignition/ Ash content  | ASTMD 2584-2018  |
| 439  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastics & plastics product  | Migration test   | IS:9845-2015   |
| 440  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastics & plastics product  | Water Absorption   | ASTMD 570-2018   |
| 441  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Water Absorption   | ASTM D570  |
| 442  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Rubber & Rubber Products   | Filler content   | ASTMD 2584-2018  |
| 443  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Rubber & Rubber Products   | Loss on ignition/ Ash content  | ASTMD 2584-2018  |



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| 444  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Rubber & Rubber Products     | Migration test   | IS 14625:2015(RA:2020)<br>+A1,2016+A2,2019+A3,2021<br>+A4 2022                                       |
| 445  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Basic red 9  | IS 16914-3   |
| 446  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 2,4- Xylidine  | IS 15570 : 2005 RA-2020  |
| 447  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 2,4,5-trimethylaniline   | IS 15570 : 2005 RA-2020  |
| 448  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 2,4-diaminoanisole   | IS 15570 : 2005 RA-2020  |
| 449  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 2,4-toluenediamine   | IS 15570 : 2005 RA-2020  |
| 450  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 2,6- Xylidine  | IS 15570 : 2005 RA-2020  |
| 451  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 2-amino-4-nitroluene   | IS 15570 : 2005 RA-2020  |
| 452  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 2-methoxyaniline   | IS 15570 : 2005 RA-2020  |
| 453  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 2-naphthylamine  | IS 15570 : 2005 RA-2020  |
| 454  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 3,3-dichlorobenzidine  | IS 15570 : 2005 RA-2020  |
| 455  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 3,3-dimethyl-4,4-diaminophenylmethane  | IS 15570 : 2005 RA-2020  |
| 456  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 3,3dimethylbenzidine   | IS 15570 : 2005 RA-2020  |
| 457  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 4,4,methylen-bis(2-chloraniline  | IS 15570 : 2005 RA-2020  |



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| 458  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 4,4-Diaminodiphenylmethane   | IS 15570 : 2005 RA-2020  |
| 459  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 4,4-oxidianiline   | IS 15570 : 2005 RA-2020  |
| 460  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 4,4-thiodianiline  | IS 15570 : 2005 RA-2020  |
| 461  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 4-aminoazobenzene  | IS 15570 : 2005 RA-2020  |
| 462  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 4-aminobiphenyl  | IS 15570 2005 RA-2020  |
| 463  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | 4-chloro-toluidine   | IS 15570 : 2005 RA-2020  |
| 464  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Benzidine  | IS 15570 : 2005 RA-2020  |
| 465  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse blue 1  | IS 16914-3   |
| 466  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse blue 102  | IS 16914-2   |
| 467  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse blue 106  | IS 16914-3   |
| 468  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse blue 124  | IS 16914-3   |
| 469  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse blue 26   | IS 16914-2   |
| 470  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse blue 3  | IS 16914-2   |
| 471  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse blue 35   | IS 16914-3   |



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|------|--|------------------------------|--|--|
| 472  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse blue 7  | IS 16914-2   |
| 473  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse brown 1   | IS 16914-2   |
| 474  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse orange 1  | IS 16914-2   |
| 475  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse orange 3  | IS 16914-3   |
| 476  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse orange 37/59/76   | IS 16914-3   |
| 477  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse red 1   | IS 16914-3   |
| 478  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse red 151   | IS 16914-2   |
| 479  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse red11   | IS 16914-2   |
| 480  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse red17   | IS 16914-2   |
| 481  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse yellow 3  | IS 16914-3   |
| 482  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse yellow 39   | IS 16914-2   |
| 483  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse yellow 56   | IS 16914-2   |
| 484  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse yellow 7  | IS 16914-2   |
| 485  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse yellow 9  | IS 16914-2   |



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|------|--|------------------------------|--|--|
| 486  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse yellow1   | IS 16914-2   |
| 487  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse yellow23  | IS 16914-3   |
| 488  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Disperse yellow49  | IS 16914-2   |
| 489  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Navy blue  | IS 16914-3   |
| 490  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | o-aminoazotoluene  | IS 15570 : 2005 RA-2020  |
| 491  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | o-toluidine  | IS 15570 : 2005 RA-2020  |
| 492  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | p-chloroaniline  | IS 15570 : 2005 RA-2020  |
| 493  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | p-cresidine  | IS 15570 : 2005 RA-2020  |
| 494  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Solvent red 23   | IS 16914-2   |
| 495  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile & Textile products   | Violet 3   | IS 16914-3   |
| 496  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile and textile products | Formaldehyde   | IS 14563 -1 :2021  |
| 497  | CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS | Textile and textile Products | pH   | IS 1390:2022   |
| 498  | CHEMICAL- LEATHER                          | Leather and Leather Products | Colour fastness to (dry rubbing) (wet rubbing)   | IS 6191-1971 (LF-9)  |
| 499  | CHEMICAL- LEATHER                          | Leather and Leather Products | Water soluble matter, water soluble inorganic matter and water soluble organic matter                      | IS 582(P-2):   |



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|------|--------------------|------------------------------|--|--|
| 500  | CHEMICAL- LEATHER  | Canvas shoe, Rubber sole     | Breaking Load of Lace  | IS I969 Pt 1&2   |
| 501  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Abrasion resistance of Insole &In sock(Veslic)   | BSENI5090  |
| 502  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Abrasion resistance of Insole &In sock(Veslic)   | BS EN ISO 20344 : 2021, 20345  |
| 503  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Abrasion resistance of Insole &In sock(Veslic)   | BS EN ISO 20346  |
| 504  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Abrasion resistance of Insole &In sock(Veslic)   | BS EN ISO 20347  |
| 505  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Abrasion resistance of Insole &In sock(Veslic)   | ISI5298(Part-2)  |
| 506  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Abrasion resistance of Insole &In sock(Veslic)   | ISI5298(Part-1)  |
| 507  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Abrasion resistance of Insole &In sock(Veslic)   | SASO ISO 20346   |
| 508  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Abrasion resistance of Insole&In sock(Veslic)  | ISI5298(Part-3) (Part-4)   |
| 509  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & Insock   | BS EN ISO 20346  |
| 510  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & Insock   | BS EN ISO 20347  |
| 511  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & Insock   | BSENI5090  |
| 512  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & Insock   | IS I4544   |
| 513  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & Insock   | IS3976   |
| 514  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & Insock   | ISI5298(Part-2)  |
| 515  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & Insock   | ISI5298(Part-3) : 2018 (Part-4)  |
| 516  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & Insock   | SASO ISO 20344,20345,20347   |
| 517  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole & sock   | BSENI5090  |
| 518  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole &In sock   | ISI5298(Part-1)  |
| 519  | CHEMICAL- LEATHER  | Coated Fabric & Rexine       | Thickness of the Insole &In sock   | SASO ISO 20346   |



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| 520  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & Insock  | BSENI5090  |
| 521  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & In sock   | BS EN ISO 20347  |
| 522  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & Insock  | BS EN ISO 20344 : 2021, 20345  |
| 523  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & insock  | BS EN ISO 20346  |
| 524  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & Insock  | IS15298(Part-2)  |
| 525  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & Insock  | IS15298(Part-3) : 2018 (Part-4)  |
| 526  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & Insock  | SASO ISO 20344,20345,20347   |
| 527  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & Insock  | SASO ISO 20346   |
| 528  | CHEMICAL- LEATHER                     | Coated Fabric & Rexine                                   | Water absorption & de-absorption of Insole & In sock   | IS15298(Part-1)  |
| 529  | CHEMICAL- LEATHER                     | Leather and Leather Products                             | Bound organic substances   | IS 582 (LC-21)   |
| 530  | CHEMICAL- LEATHER                     | Leather and Leather Products                             | Degree of Tannage  | IS 582: (LC-21)  |
| 531  | CHEMICAL- LEATHER                     | Leather and Leather Products                             | Determination of chromic oxide content by titration  | IS 582(P-10, Sec 1):   |
| 532  | CHEMICAL- LEATHER                     | Leather and Leather Products                             | Determination of matter soluble in DCM and FFA content   | IS 582(P-14):  |
| 533  | CHEMICAL- LEATHER                     | Leather and Leather Products                             | Determination of nitrogen content and hide substance Titrimetric method                                    | IS 582(P-12):  |
| 534  | CHEMICAL- LEATHER                     | Leather and Leather Products                             | pH and difference figure   | IS 582(P-9):   |
| 535  | CHEMICAL- LEATHER                     | Leather and Leather Products                             | Sulphated Total ash and water insoluble ash  | IS 582(P-3):   |
| 536  | CHEMICAL- LEATHER                     | Leather and Leather Products                             | Volatile matter  | IS 582(P-1):   |
| 537  | CHEMICAL- LEATHER                     | Polyurethane upper & sole                                | Hydrolysis   | IS 15298 (Part 1)  |
| 538  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics/Fiber/Yarn/Garments/Ropes/Cords/Apparels/Madeups | Ash Content  | IS 199 : 1989 Cl. No. 6  |
| 539  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics/Fiber/Yarn/Garments/Ropes/Cords/Apparels/Madeups | Colour fastness to washing with soap or soda and soda  | IS/ISO 105 : Part C10 : ,ISO 105 : Part C10 : 2006   |



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| 540  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics/Fiber/Yarn/Garments/Ropes/Cords/Apparels/Madeups         | Colour Fastness to Crocking  | AATCC TM8  |
| 541  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics/Fiber/Yarn/Garments/Ropes/Cords/Apparels/Madeups         | Colour Fastness to Domestic and Commercial Laundering-Washing  | IS/ISO 105-C06 ,ISO 105-C06  |
| 542  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics/Fiber/Yarn/Garments/Ropes/Cords/Apparels/Madeups         | Colour fastness to organic solvents  | ISO 105-X05  |
| 543  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics/Fiber/Yarn/Garments/Ropes/Cords/Apparels/Madeups         | Colour Fastness to Rubbing   | IS/ISO 105-X12 ,ISO 105-X12  |
| 544  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Fabrics/Garments/Apparels/Madeups                                | Heat Shrinkage   | IS 13717 : 1993 Annex C  |
| 545  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Binary mixtures of acrylic, certain modacrylics and certain other fibres- Composition                      | IS 3421 :  |
| 546  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Color Differences Delta E  | AATCC TM173 & AATCC EP 7   |
| 547  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colorfastness to Light   | AATCC 16   |
| 548  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colour fastness of textile materials to dry-heat treatments (Excluding Pressing)                           | IS/ISO 105 : Part P01,ISO 105 : Part P01   |
| 549  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colour Fastness to Artificial Light : Xenon Arc Fading Lamp Test-Light                                     | IS/ISO 105 : Part B02 ,ISO 105 : Part B02  |
| 550  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colour Fastness to Bleaching Peroxide  | IS/ISO 105 : Part N02 ,ISO 105 : Part N02  |
| 551  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colour fastness to drycleaning using perchloroethylene solvent   | IS/ISO 105 : Part D01,ISO 105 : Part D01 :   |
| 552  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colour fastness to hypochlorite bleaching  | IS/ISO 105 Part N01 ,ISO 105 Part N01  |
| 553  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colour Fastness to Perspiration  | AATCC TM 15-   |
| 554  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colour Fastness to Perspiration  | IS/ISO 105 E04,ISO 105 E04   |
| 555  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups | Colour Fastness to Water   | IS/ISO 105 E01,ISO 105 E01   |



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| 556  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Determination of dimensional changes of fabrics containing wool on soaking in water                        | IS 665   |
| 557  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Determination of Dimensional Changes on Soaking in Water   | IS 2977  |
| 558  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Determination of dimensional changes on washing of fabrics woven from rayon and synthetic fibres           | IS 1299  |
| 559  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Determination of pH of aqueous extract   | IS 1390,ISO 3071:2020  |
| 560  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Determination of water-soluble matter  | IS 3456  |
| 561  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Identification of Textile Fibres-Composition   | IS 667 :   |
| 562  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Moisture Content   | IS 199 : Cl. No. 4   |
| 563  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Scouring Loss  | IS 1383 :  |
| 564  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Wettability  | BS 4554  |
| 565  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Wettability of Cotton  | IS 2349  |
| 566  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Binary mixtures of protein fibres with certain other non-protein fibres-Blend Composition                  | IS 2006  |
| 567  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Fiber Analysis   | AATCC 20 & 20A-  |
| 568  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Mixtures of polyester fibres with cotton or regenerated cellulose - Blend Composition                      | IS 3416 :  |
| 569  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Mixtures of Polyolefin Fibres And Other Fibres-Composition   | IS 9896  |
| 570  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/Fabric Woven, Nonwoven, Yarn, Fiber, Garments & Made ups          | Absorbency   | AATCC TM 79-   |
| 571  | CHEMICAL- TEXTILE (WOVEN & NON WOVEN) | Textile/High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks | Ash Content  | IS 14887 : 2014 Annex D  |
| 572  | CHEMICAL- WATER                       | Drinking Water  | Calcium (as Ca)  | IS 3025 Part 40 :1991,A1   |



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| 573  | CHEMICAL- WATER            | Drinking Water   | Chloride (as Cl )  | IS 3025(P-32):1988   |
| 574  | CHEMICAL- WATER            | Drinking Water   | Colour   | IS:3025(P-4)   |
| 575  | CHEMICAL- WATER            | Drinking Water   | Conductivity   | APHA 23rd Edn 2510 B   |
| 576  | CHEMICAL- WATER            | Drinking Water   | Fluoride as F  | IS :3025(Part-60):2008   |
| 577  | CHEMICAL- WATER            | Drinking Water   | Odour  | IS:3025 (Part -5)  |
| 578  | CHEMICAL- WATER            | Drinking Water   | pH   | IS :3025 (P-11)  |
| 579  | CHEMICAL- WATER            | Drinking Water   | Residual Free chlorine   | IS :3025(Part-26)  |
| 580  | CHEMICAL- WATER            | Drinking Water   | Sulphate as SO4  | IS 3025(P-24) Sec1   |
| 581  | CHEMICAL- WATER            | Drinking Water   | Total Alkalinity as CaCO3  | IS :3025(Part-23)  |
| 582  | CHEMICAL- WATER            | Drinking Water   | Total Dissolved solids   | IS :3025(Part-16):1984,A 1   |
| 583  | CHEMICAL- WATER            | Drinking Water   | Total hardness (as CaCO3)  | IS :3025 (Part21)  |
| 584  | CHEMICAL- WATER            | Drinking Water   | Turbidity  | IS: 3025 (Part10) 1984   |
| 585  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "cl. 10.1 High Voltage Water Immersion Test "  | " IS 10810-45:1984 Reaff. 2011/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4 "        |
| 586  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "cl. 10.2 High Voltage Room Temperature Test "   | "IS 10810-45:1984 Reaff. 2011/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4 "         |
| 587  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "cl. 10.9 /Table 1 Additional Ageing Test (cable for outdoor use) "  | IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4   |
| 588  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "cl. 12.1 (FOR PVC) Hot Deformation Test "   | "IS 10810-15: 1984 Reaff. 2011/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4"         |
| 589  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "cl. 9 Ovality "   | IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4:  |
| 590  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test on conductor persulphate test tinned copper only"  | "IS 10810-4:1984 Reaff. 2011/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4            |
| 591  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Insulation and Sheath Cold Bend Test "   | "IS 10810-20:1984"   |



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| 592  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Insulation and Sheath Cold Impact Test "   | "IS 10810-21:1984"  |
| 593  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Insulation and Sheath Heat Shock Test "  | "IS 10810-14:1984"  |
| 594  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Insulation and Sheath Loss of Mass Test "  | "IS 10810-10:1984"  |
| 595  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Insulation and Sheath Shrinkage "  | "IS 10810-12:1984"  |
| 596  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Insulation and Sheath Thermal Stability Test "   | "IS 10810-60:1988(RA-2020) Reaff-2010//IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4"            |
| 597  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Insulation and Sheath Ageing in Air Oven "   | "IS 10810-11:1984 Reaff. 2011/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4"                     |
| 598  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Insulation and Sheath Tensile Strength and Elongation at Break Test "                    | "IS 10810-7:1984"   |
| 599  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test on complete cable Insulation Resistance Test "   | "IS 10810-43:1984"  |
| 600  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test on Conductor Annealing Test (Copper Only) "  | "IS 10810-1:1984(RA 2021)/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4:2020 Reaff. 2011 IS 8130 |
| 601  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test on Conductor Conductor Resistance Test "   | "IS 10810-5:1984 Reaff. 2011 IS 8130: 2013/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4"        |
| 602  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test on Conductor Tensile Test (Aluminium) "  | "IS 10810-2:1984 Reaff. 2011 IS 8130: 2013/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4"        |



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| 603  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test on Conductor Wrapping Test (Aluminium) "   | "IS 10810-3:1984 Reaff. 2011 IS 8130: 2013/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4" |
| 604  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test on complete cable Additional Ageing Test outdoor use"  | IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4   |
| 605  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test on complete cable High Voltage Test"   | "IS 10810-45:1984 Reaff. 2011/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4               |
| 606  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | "Table 1 Test for Overall Dimension and Thickness of Insulation/ Sheath "                                  | "IS 10810-6:1984 Reaff. 2011/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4"               |
| 607  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | cl. 10.11 Persulphate Test   | "IS 10810-4:1984 Reaff. 2011 IS 8130: 2013/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4" |
| 608  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | cl. 10.4 Flammability Test   | "IS 10810-53:1984 Reaff. 2011/IS 694:2010(Reaffirmed 2020) A1 :2012+A2:2014 + A3: 2015+ A4"              |
| 609  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | cl. 10.4 Flammability Test   | "IS 694:2010/IS 10810-53:1984 Reaff. 2011 "  |
| 610  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | cl. 10.4 Flammability Test   | "IS 694:2010/IS 10810-53:1984 Reaff. 2011 "  |
| 611  | ELECTRICAL- CABLES & WIRES | PVC Insulated Unsheathed And Sheathed Cables/Cords With Rigid And Flexible Conductor For Rated Voltages Up To And Including 1100 V | Table 1 Test for Insulation Flammability Test  | "IS 694:2010/IS 10810-53:1984 Reaff. 2011 "  |
| 612  | ELECTRICAL- CABLES & WIRES | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials                                 | ""cl. 12.1Electrical Characteristics"  | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"                             |
| 613  | ELECTRICAL- CABLES & WIRES | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials                                 | "cl. 10 Resistance to Heat "   | "IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"   |
| 614  | ELECTRICAL- CABLES & WIRES | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials                                 | "cl. 11,cl.11.1.1, cl.11.2 ,cl.11.3 Resistance to burning "  | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"                             |



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| 615  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 12.1.1 Electrical Strength Test "   | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"                         |
| 616  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 12.1.2 Insulation Resistance "  | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"                         |
| 617  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 13.1 External Influences "  | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2:2011 "                   |
| 618  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 7.1 Dimensions of the conduits "  | "IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"   |
| 619  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 7.1.1 Checking of maximum outside diameter and maximum inside diameter of SOCKET - END "              | "IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"   |
| 620  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 7.1.2 Checking of maximum outside diameter and minimum outside diameter of CONDUITS "                 | "IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"   |
| 621  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 7.2 Checking of minimum inside diameter of CONDUITS "   | "IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"   |
| 622  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 7.4 Uniformity of the wall thickness "  | "IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"   |
| 623  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 9.2 Bending Test "  | "IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"   |
| 624  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 9.3 Compression Test "  | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"                         |
| 625  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 9.4 Impact Test "   | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"                         |
| 626  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 9.5 Collapse Test "   | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"                         |
| 627  | ELECTRICAL- CABLES & WIRES    | Specification for Conduits of Installations, Part - 3 Rigid Plain Conduits of Insulating Materials | "cl. 9.1Mechanical Properties"   | "IS 9537-1:1980 REAFF. 2020(A1:1995) IS 9537-3:1983 (REAFF. 2017)A1:2002+A2"                         |
| 628  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery       | "Case Stress at high Ambient Temperature (Battery) Clause No: 7.2.2"                                       | IS 16046 (Part 2):2018/IEC 62133-2:2017  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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|------|-------------------------------|--|--|--|
| 629  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl. 5 General Safety Considerations "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 630  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl. 5.1 General "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 631  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl. 7.1.2 Second procedure "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 632  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl. 7.2 Intended use "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 633  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.2 Insulation & wiring "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 634  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.3 Venting "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 635  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.4 Temperature, voltage and current management "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 636  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.5 Terminal contacts "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 637  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.6 Assembly of cells into batteries "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 638  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.6.1 General "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 639  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.6.2 Design recommendation "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 640  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.6.3 Mechanical protection for cells and components of batteries "                                    | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 641  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.7 Quality plan "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 642  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.8 Information for safety "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 643  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Forced discharge (Cells) Clause No: 7.3.7"  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 644  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Thermal Abuse (Cells) Clause No: 7.3.4"   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 645  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Battery Marking Clause No: 9.2   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 646  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cell Marking Clause No: 9.1  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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|------|-------------------------------|--|--|--|
| 647  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 10 Packaging and transport   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 648  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 7.1 Charging procedure for test purposes   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 649  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | cl. 7.2.1 continuous charge  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 650  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | cl. 7.3.6 overcharge   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 651  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 7.3.8.1 vibration  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 652  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 8.1 General  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 653  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 8.2 Small cell and battery safety information  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 654  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl.5.8 Battery safety components   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 655  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Continuous Charging at constant Voltage (cells) Clause No: 7.2.1   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 656  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Crush (Cells) Clause No: 7.3.5   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 657  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | External Short Circuit (Battery) Clause No: 7.3.2  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 658  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | External Short Circuit (Cell) Clause No: 7.3.1   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 659  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Free fall Clause No: 7.3.3   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 660  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Mechanical chock Clause No: 7.3.8.2  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 661  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Mechanical tests (batteries) Clause No: 7.3.8  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 662  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Other Information Clause No. 9.4   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 663  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Over-charging of Battery Clause No: 7.3.6  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 664  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Type test and sample size clause 6   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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|-------------------------------|---|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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|------|-------------------------------|--|--|--|
| 665  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Vibration Clause No: 7.3.8.1   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 666  | ELECTRICAL- CELLS & BATTERIES | Nickel cells   | "Cl.7.3.9 Forced discharge (Cells) "   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 667  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Case Stress at high Ambient Temperature (batteries) Clause No: 7.2.3 "                                    | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 668  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cell Marking Clause No: 9.1 "   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 669  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl. 5.5 Terminal contacts "   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 670  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl. 7.0 Specific requirements and tests "   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 671  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl. 7.1 Charging procedure for test purposes "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 672  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5 General Safety Considerations "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 673  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5.1 General "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 674  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5.2 Insulation & wiring "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 675  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5.3 Venting "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 676  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5.4 Temperature, voltage and current management "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 677  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Thermal Abuse (Cells) Clause No: 7.3.5"   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 678  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Vibration Clause No: 7.2.2 "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 679  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | Battery Marking Clause No: 9.2   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 680  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | Cl. 10 Packaging   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 681  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | Cl. 5.6 Assembly of cells into batteries   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 682  | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | Cl. 5.7 Quality plan   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |   |                        |            |
|-------------------------------|---|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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|------|--|--|--|--|
| 683  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Cl. 6.0 Type test and sample size  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 684  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Cl. 8.1 General  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 685  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Cl. 8.2 Small cell and battery safety information  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 686  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Cl.7.3 Reasonably foreseeable misuse   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 687  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Cl.8 Information for safety  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 688  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Continuous low-rate charging (cells) Clause No:7.2.1   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 689  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Crushing of cells Clause No: 7.3.6   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 690  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | External Short Circuit Clause No: 7.3.2  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 691  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Free fall Clause No: 7.3.3   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 692  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Incorrect Installation (cells) Clause No: 7.3.1  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 693  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Intended use Clause No: 7.2,   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 694  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Low Pressure Clause No: 7.3.7  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 695  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Marking Clause No: 9   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 696  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Mechanical shock (Crash Hazard) Clause No: 7.3.4   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 697  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Other Information Clause No. 9.4   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 698  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Overcharge Clause No: 7.3.8  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 699  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Overcharge Clause No: 7.3.8  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 700  | ELECTRICAL- CELLS & BATTERIES              | Nickel cells, Nickel batteries                     | Temperature Cycling Clause No: 7.2.4   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 701  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.10,Cl.10.1 & Cl.10.2 Power Input & current "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| 702  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.11 Temperature Rise/Heating "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 703  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.13,Cl.13.1,Cl.13.2,& Cl.13.3 Leakage Current and electric strength at Operating Temp. "                | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 704  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.14 Transient over voltages "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 705  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.15 Moisture Resistance "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 706  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.17 Over load protection of transformer and associated circuit "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 707  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.19 Abnormal operation "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 708  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.20 Stability test & Mechanical hazards "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 709  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.21, Cl.21.1, Cl21.101to 21.104 Mechanical strength "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 710  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.21.2 Mechanical strength "   | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 711  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.22 Cl. 22.1 to 22.4 Construction "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 712  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.22.101 to Cl. 22.121 Construction "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 713  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.22.11 to 22.48 Construction "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 714  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.22.5 to 22.10 Construction "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 715  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.23 Internal Wiring "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 716  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.24 Component "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 717  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.25 Supply connection and External flexible cord "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 718  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.26 Terminal for external conductors "  | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 719  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.27 Provision for earthing "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group                         | Materials or Products tested                       | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 720  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.28 Screws and connections "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 721  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.29 Clearance and Creepage Distances "  | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 722  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.30 Resistance to Heat & Fire "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 723  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.31 Resistance to Rusting "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 724  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.32 Radiation, Toxicity and Similar Hazards "   | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 725  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.7.14 Durability of marking "   | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 726  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | "Cl.8,Cl.8.1 & Cl.8.1.1 Protection against Access to Live Parts "  | "IS : 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 727  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | Cl. 8.1.2 Protection against electric shock  | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 728  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | Cl. 8.1.3 Protection against electric shock  | "IS: 302-2-6:2009 IS: 302 Part-I: 2008"  |
| 729  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | Cl. 8.1.4 Protection against electric shock  | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 730  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | Cl.16 Leakage current and Electric Strength  | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 731  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | Cl.7,Cl.7.1 to Cl.7.13, Cl 7.15, Cl. 7.101 to Cl. 7.103 Marking and instruction  | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 732  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | Cl.8.1.5 Protection against electric shock   | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 733  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Cooking Ranges, Hobs, Ovens and Similar Appliances | Cl.8.2 Protection against electric shock   | "IS 302-2-6:2009 IS: 302 Part-I: 2008"   |
| 734  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker  | "Abnormal operation Cl.19, Cl.19.1, Cl.19.2, Cl.19.3, Cl.19.4, Cl.19.5, Cl.19.6, Cl.19.7, Cl.19.8, Cl.19.9, Cl.19.10, Cl.19.11, 19.11.1, Cl.19.11.2, Cl.19.11.3, Cl.19.11.4, Cl.19.11.4.1, Cl.19.11.4.2, Cl.19.11.4.3, Cl.19.11.4.4, 19.12, Cl.19.101, Cl.19.102, Cl.19.103" | 302-2-15   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-6319 **Page No** 54 of 568

**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group                         | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|------------------------------|--|--|
| 735  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Clearance and Creepage Distances Cl.29.1, Cl.29.1.1, Cl.29.1.1.1, Cl.29.1.2, Cl.29.1.3, Cl.29.1.4, Cl.29.1.5, Cl.29.2, Cl.29.2.1, Cl.29.2.2, Cl.29.2.3, Cl.29.2.4, Cl.29.3, Cl.29.3.1, Cl.29.3.2, Cl.29.3.3"  | 302-2-15   |
| 736  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Component Cl.24"  | 302-2-15   |
| 737  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Construction Cl.22, Cl.22.1, Cl.22.2, Cl.22.3, Cl.22.4, Cl.22.5, Cl.22.6, Cl.22.7, Cl.22.8, Cl.22.9, Cl.22.10, Cl.22.11, Cl.22.12, Cl.22.13, Cl.22.14, Cl.22.15, Cl.22.16, Cl.22.17, Cl.22.18, Cl.22.19, Cl.22.20, Cl.22.21, Cl.22.22, Cl.22.23, Cl.22.24, Cl.22.25, Cl.22.26, Cl.22.27, Cl.22.28, Cl.22.29, Cl.22.30, Cl.22.31, Cl.22.32, Cl.22.33, Cl.22.34, Cl.22.35, Cl.22.36, Cl.22.37, Cl.22.37, Cl.22.38, Cl.22.39, Cl.22.40, Cl.22.41, Cl.22.42, Cl.22.43, Cl.22.44, Cl.22.45, Cl.22.46, Cl.22.47 Cl.22.48, | 302-2-15   |
| 738  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Heating Cl.11, Cl.11.2, Cl.11.3, Cl.11.4, Cl.11.5, Cl.11.6, Cl.11.7, Cl.11.7.101, Cl.11.7.102, Cl.11.7.103, Cl.11.7.104, Cl.11.7.105 Cl.11.8"   | 302-2-15   |
| 739  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Internal Wiring Cl.23, Cl.23.1, Cl.23.2, Cl.23.3, Cl.23.4, Cl.23.5, Cl.23.6, Cl.23.7, Cl.23.8, Cl.23.9, Cl.23.10"   | 302-2-15   |
| 740  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice cooker                  | "Leakage Current and electric strength at Operating Temp. Cl.13, Cl.13.1, Cl.13.2, & Cl.13.3"  | 302-2-15   |
| 741  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Marking and instructions Cl.7 to Cl.7.13"   | 302-2-15   |
| 742  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Moisture Resistance Cl.15, Cl.15.1, Cl.15.1.1, Cl.15.1.2, Cl.15.2, Cl.15.3, Cl.15.101, Cl.15.102 "  | 302-2-15   |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|------------------------------|--|--|
| 743  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Over load protection of transformer and associated circuit Cl.17"   | 302-2-15   |
| 744  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Power Input & current Cl.10, Cl.10.1 & Cl.10.2 "  | 302-2-15   |
| 745  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Protection against electric shock Cl.8, Cl.8.1 & Cl.8.1.1, Cl.8.1.2, Cl.8.1.3, Cl.8.1.4, Cl.8.1.5, Cl.8.2"  | 302-2-15   |
| 746  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Provision for earthing Cl.27, Cl.27.1, Cl.27.2, Cl.27.3, Cl.27.4, Cl.27.5, Cl.27.6"   | 302-2-15   |
| 747  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Radiation, Toxicity and Similar Hazards Cl.32"  | 302-2-15   |
| 748  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Resistance to Rusting Cl.31"  | 302-2-15   |
| 749  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Screws and connections Cl.28, Cl.28.1, Cl.28.2, Cl.28.3, Cl.28.4"   | 302-2-15   |
| 750  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Stability test & Mechanical hazards Cl.20, Cl.20.1, Cl.20.2"  | 302-2-15   |
| 751  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Supply connection and External flexible cord Cl.25, Cl.25.1, Cl.25.2, Cl.25.3, Cl.25.4, Cl.25.5, Cl.25.6, Cl.25.7, Cl.25.8, Cl.25.9, Cl.25.10, Cl.25.11, Cl.25.12, Cl.25.13, Cl.25.14, Cl.25.15, Cl.25.16, Cl.25.17, Cl.25.18, Cl.25.19, Cl.25.20, Cl.25.21, Cl.25.22, Cl.25.23, Cl.25.24, Cl.25.25, Cl.25.101" | 302-2-15   |
| 752  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Terminal for external conductors Cl.26, Cl.26.1, Cl.26.2, Cl.26.3, Cl.26.4, Cl.26.5, Cl.26.6, Cl.26.7, Cl.26.8, Cl.26.9, Cl.26.10, Cl.26.11"  | 302-2-15   |
| 753  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | "Transient over voltages Cl.14"  | 302-2-15   |
| 754  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker                  | Durability of marking Cl.7.14  | 302-2-15   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|--|---|--|--|
| 755  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker   | Leakage current and Electric Strength Cl.16, Cl.16.1   | 302-2-15   |
| 756  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker   | Marking Cl.7.15 & Cl.7.16  | 302-2-15   |
| 757  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker   | Mechanical strength Cl.21, Cl.21.1, Cl.21.2  | 302-2-15   |
| 758  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Rice Cooker   | Resistance to Heat and Fire Cl.30, Cl.30.1, Cl.30.2, Cl.30.2.1, Cl.30.2.2, Cl.30.2.3, Cl.30.2.3.1, Cl.30.2.3.2, Cl.30.2.4, | 302-2-15   |
| 759  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.7,Cl.7.1 to Cl.7.13 Marking and instructions "   | IS 302-1   |
| 760  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.7.14 Durability of marking"  | IS 302-1   |
| 761  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.7.15 & Cl.7.16 Marking "   | IS 302-1   |
| 762  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.7.15 & Cl.7.16 Marking "   | IS 302-1   |
| 763  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.8,Cl.8.1 & Cl.8.1.1 Protection against access to live parts "  | IS 302-1   |
| 764  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.8,Cl.8.1 & Cl.8.1.1 Protection against access to live parts "  | IS 302-1   |
| 765  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | Cl. 8.1.2 Protection against electric shock  | IS 302-1   |
| 766  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.10,Cl.10.1 & Cl.10.2 Power Input & current "   | IS 302-1   |
| 767  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.11 Temperature Rise/Heating "  | IS 302-1   |
| 768  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.13,Cl.13.1,Cl.13.2,& Cl.13.3 Leakage Current and electric strength at Operating Temp. "                                | IS 302-1   |
| 769  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.14 Transient over voltages "   | IS 302-1   |
| 770  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.14 Transient over voltages "   | IS 302-1   |
| 771  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.15 Moisture Resistance"  | IS 302-1   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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|------|--|---|--|--|
| 772  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.15 Moisture Resistance"  | IS 302-1   |
| 773  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.17 Over load protection of transformer and associated circuit "  | IS 302-1   |
| 774  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.19 Abnormal operation "  | IS 302-1   |
| 775  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.19 Abnormal operation "  | IS 302-1   |
| 776  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.20 Stability test & Mechanical hazards "   | IS 302-1   |
| 777  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.20 Stability test & Mechanical hazards "   | IS 302-1   |
| 778  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.21 Mechanical strength "   | IS 302-1   |
| 779  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.22, Cl 22.1 to 22.48 Construction "  | IS 302-1   |
| 780  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.22, Cl 22.1 to 22.48 Construction "  | IS 302-1   |
| 781  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.23, Cl.23 Cl 23.1 to 23.10 Internal Wiring "   | IS 302-1   |
| 782  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.24 Component "   | IS 302-1   |
| 783  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.24 Component "   | IS 302-1   |
| 784  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.25 Supply connection and External flexible cord "  | IS 302-1   |
| 785  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.26 Terminal for external conductors"   | IS 302-1   |
| 786  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.27 Provision for earthing "  | IS 302-1   |
| 787  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.28 Screws and connections "  | IS 302-1   |
| 788  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.29 Clearance and Creepage Distances "  | IS 302-1   |
| 789  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others | "Cl.30 Resistance to Heat Fire "   | IS 302-1   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|--|---|--|--|
| 790  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | "Cl.30 Resistance to Heat Fire "   | IS 302-1   |
| 791  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | "Cl.31 Resistance to Rusting"  | IS 302-1   |
| 792  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | "Cl.32 Radiation, Toxicity and Similar Hazards "   | IS 302-1   |
| 793  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | "Cl.32 Radiation, Toxicity and Similar Hazards "   | IS 302-1   |
| 794  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | Cl. 8.1.3 Protection against electric shock  | IS 302-1   |
| 795  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | Cl. 8.1.4 Protection against electric shock  | IS 302-1   |
| 796  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | Cl.16 Leakage current and Electric Strength  | IS 302-1   |
| 797  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | Cl.8.1.5 Protection against electric shock   | IS 302-1   |
| 798  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-1 General Requirements and others                                       | Cl.8.2 Protection against electric shock   | IS 302-1   |
| 799  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.10,Cl.10.1 & Cl.10.2 Power Input & current "   | IS 302-2-26  |
| 800  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.11 Temperature Rise/Heating "  | IS 302-2-26  |
| 801  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.13,Cl.13.1,Cl.13.2,& Cl.13.3 Leakage Current and electric strength at Operating Temp. "                | IS 302-2-26  |
| 802  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.14 Transient over voltages "   | IS 302-2-26  |
| 803  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.15 Moisture Resistance"  | IS 302-2-26  |
| 804  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.17 Over load protection of transformer and associated circuit "  | IS 302-2-26  |
| 805  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.19 Abnormal operation "  | IS 302-2-26  |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| <b>Certificate Number</b>     | TC-6319   | <b>Page No</b>         | 59 of 568  |
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| S.No | Discipline / Group                         | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 806  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.20 Stability test & Mechanical hazards "   | IS 302-2-26  |
| 807  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.21 Mechanical strength "   | IS 302-2-26  |
| 808  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.22, Cl.22.1 to 22.48 Construction "  | IS 302-2-26  |
| 809  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.23, Cl.23 Cl.23.1 to 23.10 Internal Wiring "   | IS 302-2-26  |
| 810  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.25 Supply connection and External flexible cord "  | IS 302-2-26  |
| 811  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.26 Terminal for external conductors "  | IS 302-2-26  |
| 812  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.27 Provision for earthing "  | IS 302-2-26  |
| 813  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.28 Screws and connections "  | IS 302-2-26  |
| 814  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.29 Clearance and Creepage Distances "  | IS 302-2-26  |
| 815  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.30 Resistance to Heat Fire "   | IS 302-2-26  |
| 816  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.31 Resistance to Rusting"  | IS 302-2-26  |
| 817  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.32 Radiation, Toxicity and Similar Hazards "   | IS 302-2-26  |
| 818  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.7, Cl.7.1 to Cl.7.13 Marking and instructions "  | IS 302-2-26  |
| 819  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.7.14 Durability of marking"  | IS 302-2-26  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group                         | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 820  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.7.15 & Cl.7.16 Marking "   | IS 302-2-26  |
| 821  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | "Cl.8,Cl.8.1 & Cl.8.1.1 Protection against access to live parts "  | IS 302-2-26  |
| 822  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | Cl. 8.1.2 Protection against electric shock  | IS 302-2-26  |
| 823  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | Cl. 8.1.3 Protection against electric shock  | IS 302-2-26  |
| 824  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | Cl. 8.1.4 Protection against electric shock  | IS 302-2-26  |
| 825  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | Cl.16 Leakage current and Electric Strength  | IS 302-2-26  |
| 826  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | Cl.8.1.5 Protection against electric shock   | IS 302-2-26  |
| 827  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2 Particular Requirements, Section-26 Digital Clock, watches and others | Cl.8.2 Protection against electric shock   | IS 302-2-26  |
| 828  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens   | "Cl.7,Cl.7.1 to Cl.7.13 Marking and instruction "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 829  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens   | "Cl.10,Cl.10.1 & Cl.10.2 Power Input & current"  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 830  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens   | "Cl.11 Temperature Rise/Heating "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 831  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens   | "Cl.13,Cl.13.1,Cl.13.2,& Cl.13.3 Leakage Current and electric strength at Operating Temp. "                | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 832  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens   | "Cl.14 Transient over voltages "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 833  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens   | "Cl.15 Moisture Resistance "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 834  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens   | "Cl.17 Over load protection of transformer and associated circuit "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| 835  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.19 Abnormal operation "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 836  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.20 Stability test & Mechanical hazards "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 837  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.21.1 Mechanical strength "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 838  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.21.103 Mechanical strength "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 839  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.21.103 Mechanical strength "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 840  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.21.104 Mechanical strength "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 841  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.21.105 Mechanical strength "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 842  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.21.105 Mechanical strength "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 843  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.21.2 Mechanical strength "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 844  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.21.2 Mechanical strength "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 845  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22 Cl. 22.1 to 22.4 Construction "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 846  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.105 Construction "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 847  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.105 Construction "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 848  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.108 to 22.115 Construction "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 849  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.108 to 22.115 Construction "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 850  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.11 to 22.15 Construction"   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 851  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.11 to 22.15 Construction"   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 852  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.116 & 22.117 Construction "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 853  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.34 Construction "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|--|---|--|--|
| 854  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.22.5 to 22.10 Construction "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 855  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.23 Internal Wiring "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 856  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.23 Internal Wiring "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 857  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.24 Component "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 858  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.25 Supply connection and External flexible cord "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 859  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.25 Supply connection and External flexible cord "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 860  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.26 Terminal for external conductors "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 861  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.27 Provision for earthing "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 862  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.28 Screws and connections "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 863  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.28 Screws and connections "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 864  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.29 Clearance and Creepage Distances "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 865  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.29 Clearance and Creepage Distances "  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 866  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.31 Resistance to Rusting "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 867  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.7.14 Durability of marking "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 868  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | "Cl.8, Cl.8.1 & Cl.8.1.1 Protection against electric shock "   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 869  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl. 8.1.2 Protection against electric shock  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 870  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl. 8.1.3 Protection against electric shock  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 871  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl. 8.1.4 Protection against electric shock  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| 872  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES  | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl.16 Leakage current and Electric Strength   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 873  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES  | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl.16 Leakage current and Electric Strength   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 874  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES  | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl.21.101 Mechanical strength   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 875  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES  | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl.21.101 Mechanical strength   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 876  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES  | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl.21.102 Mechanical strength   | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 877  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES  | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl.8.1.5 Protection against electric shock  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 878  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES  | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl.8.2 Protection against electric shock  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 879  | ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES  | Safety of Household and Similar Electrical Appliances, Part-2, Section-25 Microwave Ovens | Cl.8.2 Protection against electric shock  | IS 302-2-25:2014 IS: 302 Part-I: 2008  |
| 880  | ELECTRICAL- ENVIRONMENTAL TEST FACILITY     | Electrical and electronic Items   | Tests for protection against access to hazardous parts and solid foreign objects indicated by the first characteristic numeral (IP 0X to IP 6X) : Clause 5, 12 & 13 | IEC 60529  |
| 881  | ELECTRICAL- ENVIRONMENTAL TEST FACILITY     | Electrical and electronic Items   | Tests for protection against water indicated by the second characteristic numeral (IP X1 to X8) Clause 6 & 14   | IEC 60529  |
| 882  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | ""Construction: Terminal Blocks Cl.7 "  | IS 10322 (Part 5/Sec 6)  |
| 883  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | ""Construction: Lamp holders Cl.7 "   | IS 10322 (Part 5/Sec 6)  |
| 884  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | ""Constructions:- Drain Holes Cl. 7 "   | IS 10322 (Part 5/Sec 6)  |
| 885  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | ""Constructions:- Electrical Connection and Current carrying Parts Cl.7 "   | IS 10322 (Part 5/Sec 6)  |
| 886  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | ""Constructions:- Flammable Material Cl. 7 "  | IS 10322 (Part 5/Sec 6)  |



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|------|---|------------------------------|--|--|
| 887  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Constructions:- Screw Connections Mechanical and Glands Cl.7 "   | IS 10322 (Part 5/Sec 6)  |
| 888  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Constructions:- Suspension and Adjusting Devices Cl. 7 "   | IS 10322 (Part 5/Sec 6)  |
| 889  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Creepage and Clearance Distance Cl. 8 "  | IS 10322 (Part 5/Sec 6)  |
| 890  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""External & Internal Wiring Cl. 11 "  | IS 10322 (Part 5/Sec 6)  |
| 891  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Resistance to dust and Moisture Cl. 14 "   | IS 10322 (Part 5/Sec 6)  |
| 892  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Resistance to Heat, Fire, and Tracking: Resistance to Flame and Ignition Cl. 16 "                        | IS 10322 (Part 5/Sec 6)  |
| 893  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Resistance to Heat, Fire, and Tracking: Resistance to Flame and Ignition Cl. 16 "                        | IS 10322 (Part 5/Sec 6)  |
| 894  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Resistance to Heat, Fire, and Tracking: Resistance to Heat Cl. 16 "                                      | IS 10322 (Part 5/Sec 6)  |
| 895  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Resistance to Heat, Fire, and Tracking: Resistance to Tracking Cl. 16 "                                  | IS 10322 (Part 5/Sec 6)  |
| 896  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | ""Terminals: Screw Terminals Cl. 10 " (Eight Edition) EN 60598-1:2015"                                     | IS 10322 (Part 5/Sec 6)  |
| 897  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | "Construction: Terminal and Supply Connections Cl.7  | IS 10322 (Part 5/Sec 6)  |
| 898  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | "Constructions:- Attachment to Lamps Cl. 7   | IS 10322 (Part 5/Sec 6)  |
| 899  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | "Constructions:- Insulating linings and sleeves Cl.7   | IS 10322 (Part 5/Sec 6)  |
| 900  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp                    | "Constructions:- Luminaires marked with Symbol Cl. 7   | IS 10322 (Part 5/Sec 6)  |



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|------|---|---|--|--|
| 901  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Constructions:- Mechanical Strength Cl. 7   | IS 10322 (Part 5/Sec 6)  |
| 902  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Constructions:- Protective Shields Cl. 7  | IS 10322 (Part 5/Sec 6)  |
| 903  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Constructions:- Short Circuit Protection Cl. 7  | IS 10322 (Part 5/Sec 6): 2013 Luminaries Part 5: Particular Requirement Part-6: Handlamps            |
| 904  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Constructions:- Vibrant Requirements Cl. 7 o  | IS 10322 (Part 5/Sec 6)  |
| 905  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Constructions:-Double and Reinforced Insulation Cl. 7   | IS 10322 (Part 5/Sec 6)  |
| 906  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Endurance Tests and Thermal Tests Cl. 13  | IS 10322 (Part 5/Sec 6)  |
| 907  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Insulation Resistance and Electric Strength Cl. 15  | IS 10322 (Part 5/Sec 6)  |
| 908  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Marking Cl.6  | IS 10322 (Part 5/Sec 6)  |
| 909  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Protection Against Electric Shock Cl. 12  | IS 10322 (Part 5/Sec 6)  |
| 910  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Hand Lamp   | "Terminals: Screw less Terminals & Electrical connection Cl. 10  | IS 10322 (Part 5/Sec 6)  |
| 911  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "cl.19 Resistance to Flame and Ignition "  | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 912  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "cl.19 Resistance to Flame and Ignition "  | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |



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|------|---|---|--|--|
| 913  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "cl.19 Resistance to Heat, Fire, and Tracking"   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 914  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "cl.20 Resistance to corrosion "   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 915  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "Construction Clause.16"   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 916  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "Electric Strength Clause. 12"   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 917  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "Fault conditions Clause. 14"  | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 918  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "Fault conditions Clause.14"   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 919  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "Moisture Resistance and Insulation Clause. 11 "   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 920  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | "Transformer heating Clause. 15"   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 921  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | Creepage distance and clearances Clause. 17  | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 922  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | Marking Clause. 7  | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 923  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | Protection against accidental contact with live parts Clause. 8  | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |



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|------|---|---|--|--|
| 924  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | Provision for protective earthing Clause. 10   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 925  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | Screws, current-carrying parts and connections Clause.18   | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 926  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | DC or AC supplied electronic control gear for LED Modules | Terminals Clause. 9  | IS 15885 (Part 2/Sec 13): 2012+A1:2015 IS 15885 (Part 1):2011 IEC 61347-2-13:2014+A1:2016            |
| 927  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Construction: Terminal Blocks Cl.7 "   | IS 10322 (Part 5/Sec 1)  |
| 928  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Constructions:- Drain Holes Cl. 7 "  | IS 10322 (Part 5/Sec 1)  |
| 929  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Constructions:- Electrical Connection and Current carrying Parts Cl.7 "                                  | IS 10322 (Part 5/Sec 1)  |
| 930  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Constructions:- Flammable Material Cl. 7 "   | IS 10322 (Part 5/Sec 1)  |
| 931  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Constructions:- Screw Connections Mechanical and Glands Cl.7 "   | IS 10322 (Part 5/Sec 1)  |
| 932  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Constructions:- Suspension and Adjusting Devices Cl. 7 "   | IS 10322 (Part 5/Sec 1)  |
| 933  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Creepage and Clearance Distance Cl. 8 "  | IS 10322 (Part 5/Sec 1)  |
| 934  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""External & Internal Wiring Cl. 11 "  | IS 10322 (Part 5/Sec 1)  |
| 935  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Provision to Earthing Cl. 9 "  | IS 10322 (Part 5/Sec 1)  |
| 936  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires                          | ""Resistance to dust and Moisture Cl. 14 "   | IS 10322 (Part 5/Sec 1)  |



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|------|---|----------------------------------|--|--|
| 937  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | ""Resistance to Heat, Fire, and Tracking: Resistance to Flame and Ignition Cl. 16 ""                       | IS 10322 (Part 5/Sec 1)  |
| 938  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Construction: Lamp holders Cl.7   | IS 10322 (Part 5/Sec 1)  |
| 939  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Construction: Terminal and Supply Connections Cl.7 o  | IS 10322 (Part 5/Sec 1)  |
| 940  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Constructions:- Insulating linings and sleeves Cl.7   | IS 10322 (Part 5/Sec 1)  |
| 941  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Constructions:- Luminaires marked with Symbol Cl. 7   | IS 10322 (Part 5/Sec 1)  |
| 942  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Constructions:- Protective Shields Cl. 7  | IS 10322 (Part 5/Sec 1)  |
| 943  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Constructions:- Short Circuit Protection Cl. 7  | IS 10322 (Part 5/Sec 1)  |
| 944  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Constructions:- Vibrant Requirements Cl. 7  | IS 10322 (Part 5/Sec 1)  |
| 945  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Constructions:-Double and Reinforced Insulation Cl. 7   | IS 10322 (Part 5/Sec 1)  |
| 946  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Endurance Tests and Thermal Tests Cl. 13  | IS 10322 (Part 5/Sec 1)  |
| 947  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Insulation Resistance and Electric Strength Cl. 15  | IS 10322 (Part 5/Sec 1)  |
| 948  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Marking Cl.6  | IS 10322 (Part 5/Sec 1)  |
| 949  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Protection Against Electric Shock Cl. 12  | IS 10322 (Part 5/Sec 1)  |



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| 950  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Resistance to Heat, Fire, and Tracking: Resistance to Flame and Ignition Cl. 16 of IS 10322 (Part 5/Sec 1): 2012 IS 10322 (Part 1): 2014 (Cl.13.3.2 Section 13) IEC 60598-1:2014 (Eight Edition) EN 60598-1:2015" | IS 10322 (Part 5/Sec 1)   |
| 951  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Resistance to Heat, Fire, and Tracking: Resistance to Heat Cl. 16 of IS 10322 (Part 5/Sec 1): 2012 IS 10322 (Part 1): 2014 (Cl.13.2 Section 13) IEC 60598-1:2014 (Eight Edition) EN 60598-1:2015"                 | IS 10322 (Part 5/Sec 1)   |
| 952  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Resistance to Heat, Fire, and Tracking: Resistance to Tracking Cl. 16 of IS 10322 (Part 5/Sec 1): 2012 IS 10322 (Part 1): 2014 (Cl.13.4 Section 13) IEC 60598-1:2014 (Eight Edition) EN 60598-1:2015"             | IS 10322 (Part 5/Sec 1)   |
| 953  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | "Terminals: Screw less Terminals & Electrical connection Cl. 10 of IS 10322 (Part 5/Sec 1): 2012 IS 10322 (Part 1): 2014 (Cl.15 Section 15) IEC 60598-1:2014 (Eight Edition) EN 60598-1:2015"                      | IS 10322 (Part 5/Sec 1)   |
| 954  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | Constructions:- Attachment to Lamps Cl. 7  | IS 10322 (Part 5/Sec 1): 2012 Luminaires Part 5: Particular Requirement Part-1: Fixed General Purpose Luminaires. |
| 955  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Fixed General Purpose Luminaires | ""Terminals: Screwless Terminals Cl. 10 "  | IS 10322 (Part 5/Sec 1)   |
| 956  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain                   | ""Annex A (Requirements for Interconnecting connectors for use in lighting chains) "   | IS 10322 (Part 5/Sec 7)   |
| 957  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain                   | ""Construction: Double and Reinforced Insulation Cl.20.7 "   | IS 10322 (Part 5/Sec 7)   |
| 958  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain                   | ""Construction: Drain Holes Cl.20.7"   | IS 10322 (Part 5/Sec 7)   |



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| 959  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Construction: Luminaires marked with Symbol Cl.20.7"   | IS 10322 (Part 5/Sec 7)  |
| 960  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Construction: Short Circuit Protection Cl.20.7"  | IS 10322 (Part 5/Sec 7)  |
| 961  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Construction: Lamp holders Cl.20.7"  | IS 10322 (Part 5/Sec 7)  |
| 962  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Resistance to dust and Moisture Cl.20.14 "   | IS 10322 (Part 5/Sec 7)  |
| 963  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Resistance to Heat, Fire, and Tracking: Resistance to Flame and Ignition Cl.16 "                         | IS 10322 (Part 5/Sec 7)  |
| 964  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Resistance to Heat, Fire, and Tracking: Resistance to Heat Cl.20.16 "                                    | IS 10322 (Part 5/Sec 7): 2017 Luminaries Part 5: Particular Requirement Part-7: Lighting Chains      |
| 965  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Resistance to Heat, Fire, and Tracking: Resistance to Flame and Ignition Cl.20.16 "                      | IS 10322 (Part 5/Sec 7)  |
| 966  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Resistance to Heat, Fire, and Tracking: Resistance to Tracking Cl.20.16 "                                | IS 10322 (Part 5/Sec 7)  |
| 967  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | ""Terminals: Screw Terminals Cl.10"  | IS 10322 (Part 5/Sec 7)  |
| 968  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Attachment to Lamps Cl.20.7   | IS 10322 (Part 5/Sec 7)  |
| 969  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: cl.20.7   | IS 10322 (Part 5/Sec 7)  |
| 970  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Electrical Connection and Current carrying Parts Cl.20.7                                    | IS 10322 (Part 5/Sec 7)  |
| 971  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Flammable Material Cl.20.7  | IS 10322 (Part 5/Sec 7)  |



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|------|---|------------------------------|--|--|
| 972  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Insulating Linings and Sleeves Cl.20.7  | IS 10322 (Part 5/Sec 7)  |
| 973  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Protective Shields Cl.20.7  | IS 10322 (Part 5/Sec 7)  |
| 974  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Resistance to Corrosion Cl.20.7   | IS 10322 (Part 5/Sec 7)  |
| 975  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Suspension and Adjusting Devices Cl.20.7  | IS 10322 (Part 5/Sec 7)  |
| 976  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Terminals & Supply Connections Cl.20.7  | IS 10322 (Part 5/Sec 7)  |
| 977  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Vibrant Requirements Cl.20.7  | IS 10322 (Part 5/Sec 7)  |
| 978  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Creepage and Clearance Distance Cl.20.8   | IS 10322 (Part 5/Sec 7)  |
| 979  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Endurance Tests and Thermal Tests Cl.20.13  | IS 10322 (Part 5/Sec 7)  |
| 980  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "External & Internal Wiring Cl.20.11   | IS 10322 (Part 5/Sec 7)  |
| 981  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Insulation Resistance and Electric Strength Cl.20.15  | IS 10322 (Part 5/Sec 7)  |
| 982  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Marking Cl.20.6   | IS 10322 (Part 5/Sec 7)  |
| 983  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Protection Against Electric Shock Cl.20.12  | IS 10322 (Part 5/Sec 7)  |
| 984  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Terminals: Screw less Terminals & Electrical connection Cl.20.10  | IS 10322 (Part 5/Sec 7)  |
| 985  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain               | "Construction: Screw Connections Mechanical and Glands Cl.20.7"  | IS 10322 (Part 5/Sec 7)  |



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|------|---|--|--|--|
| 986  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Lighting Chain and other related product | "External & Internal Wiring Cl.20.11 of IS 10322 (Part 5/Sec 7): 2017 Cl.5 of IEC 60598-1:2014 (Section-5) IEC 60598-1:2014 (Eight Edition) EN 60598-1:2015" | IS 10322 (Part 5/Sec 7): 2017 Luminaries Part 5: Particular Requirement Part-7: Lighting Chains      |
| 987  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | ""Construction: Electrical Connection and Current carrying Parts Cl.21.7 "   | IS 10322 (Part 5/Sec 9)  |
| 988  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | ""Construction: Mechanical Hazard Cl.21.7 "  | IS 10322 (Part 5/Sec 9)  |
| 989  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | ""Construction: Short Circuit Protection Cl.21.7 "   | IS 10322 (Part 5/Sec 9)  |
| 990  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | ""Resistance to Heat, Fire, and Tracking: Resistance to Tracking Cl.21.16"   | IS 10322 (Part 5/Sec 9)  |
| 991  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | "Annex A (Requirements for interconnecting connectors for use in rope light)   | IS 10322 (Part 5/Sec 9):   |
| 992  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | "Construction: Attachment to Lamps Cl.21.7   | IS 10322 (Part 5/Sec 9)  |
| 993  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | "Construction: Insulating Linings and Sleeves Cl.21.7  | IS 10322 (Part 5/Sec 9)  |
| 994  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | "Construction: Mechanical Strength Cl.21.7.5   | IS 10322 (Part 5/Sec 9)  |
| 995  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | Construction: Suspension and Adjusting Devices Cl.21.7"  | IS 10322 (Part 5/Sec 9)  |
| 996  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | Terminals: Screw less Terminals & Electrical connection Cl.21.10   | IS 10322 (Part 5/Sec 9)  |
| 997  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | ""Construction: Luminaires marked with Symbol Cl.21.7 "  | IS 10322 (Part 5/Sec 9)  |
| 998  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                               | ""Construction: Screw Connections Mechanical and Glands Cl.21.7 "  | IS 10322 (Part 5/Sec 9)  |



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|------|---|------------------------------|--|--|
| 999  | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | ""External & Internal Wiring Cl.21.11 "  | IS 10322 (Part 5/Sec 9)  |
| 1000 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | ""Resistance to dust and Moisture Cl.21.14 "   | IS 10322 (Part 5/Sec 9)  |
| 1001 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | ""Resistance to Heat, Fire, and Tracking: Resistance to Flame and Ignition Cl.21.16 of "                   | IS 10322 (Part 5/Sec 9)  |
| 1002 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | ""Resistance to Heat, Fire, and Tracking: Resistance to Flame and Ignition Cl.21.16 "                      | IS 10322 (Part 5/Sec 9)  |
| 1003 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Construction: Double and Reinforced Insulation Cl.21.7  | IS 10322 (Part 5/Sec 9)  |
| 1004 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Construction: Flammable Material Cl.21.7  | IS 10322 (Part 5/Sec 9)  |
| 1005 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Construction: Lampholders Cl.21.7   | IS 10322 (Part 5/Sec 9)  |
| 1006 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Construction: Protective Shields Cl.21.7  | IS 10322 (Part 5/Sec 9)  |
| 1007 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Construction: Switches Cl.21.7  | IS 10322 (Part 5/Sec 9)  |
| 1008 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Construction: Vibrant Requirements Cl.21.7  | IS 10322 (Part 5/Sec 9)  |
| 1009 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Creepage and Clearance Distance Cl.21.8   | IS 10322 (Part 5/Sec 9)  |
| 1010 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Endurance Tests and Thermal Tests Cl.21.13,   | 10322 (Part 5/SIS 10322 (Part 5/Sec 9): 2017 Luminaries Part 5: Particular Requirement Part-9: Rope Lightec 9) |
| 1011 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light                   | "Insulation Resistance and Electric Strength Cl.21.15  | IS 10322 (Part 5/Sec 9)  |



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| 1012 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light  | "Marking Cl.21.6   | IS 10322 (Part 5/Sec 9)  |
| 1013 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light  | "Protection Against Electric Shock Cl.21.12  | IS 10322 (Part 5/Sec 9)  |
| 1014 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light  | "Resistance to Heat, Fire, and Tracking: Resistance to Heat Cl.21.16                                       | IS 10322 (Part 5/Sec 9)  |
| 1015 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light  | "Terminals: Screw Terminals Cl.21.10   | IS 10322 (Part 5/Sec 9)  |
| 1016 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light  | Construction: Control Units Cl.21.7.4  | IS 10322 (Part 5/Sec 9)  |
| 1017 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light  | Construction: Semi Luminaire Cl.21.7   | IS 10322 (Part 5/Sec 9)  |
| 1018 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Rope Light  | Construction: Terminals & Supply Connections Cl.21.7.3 & AnnexA "  | IS 10322 (Part 5/Sec 9)  |
| 1019 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | " cl.9.1 Torsion Resistance of Unused Lamps "  | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1020 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | "Cap Temperature rise Clause. 10 "   | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1021 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | "Cap Temperature rise Clause. 10 "   | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1022 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | "cl. 5 Marking durability Test "   | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1023 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | "cl. 6.2 Bending Moment, Axial Pull and Mass "   | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1024 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | "Cl.6.1 Cap Interchangeability"  | IS 16102 (Part1): 2012:- Part1:Safety requirements   |
| 1025 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | "cl.8.2 Electric Strength"   | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |



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| 1026 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | "Resistance to Heat IS 16102 (Part1): 2012 Clause. 11"   | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1027 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | Creepage distance and clearances Clause. 14  | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1028 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | Fault conditions Clause. 13  | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1029 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | Insulation Resistance and Electric Strength after Humidity Treatment Clause. 8                             | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1030 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | Marking Clause. 5,5.1 & 5.2  | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1031 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | Mechanical Strength Clause. 9  | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1032 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | Protection against Electric Shock Clause. 7  | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1033 | ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES | Self Ballasted Led Lamp For General Lighting Services | Resistance to Flame and ignition Clause. 12  | IS 16102 (Part1): 2012+A1+A2:2015 IEC 62560:2011+A1:2015   |
| 1034 | ELECTRICAL- WIRING ACCESSORIES              | Plug And Socket and other related product             | "Cl. 10 Protection Against Electric Shock "  | IS 1293  |
| 1035 | ELECTRICAL- WIRING ACCESSORIES              | Plug And Socket and other related product             | "Cl. 11 Provision for Earthing "   | IS 1293  |
| 1036 | ELECTRICAL- WIRING ACCESSORIES              | Plug And Socket and other related product             | "Cl. 12 Terminals "  | IS 1293  |
| 1037 | ELECTRICAL- WIRING ACCESSORIES              | Plug And Socket and other related product             | "Cl. 13 Construction of Fixed Socket - Outlets "   | IS 1293  |
| 1038 | ELECTRICAL- WIRING ACCESSORIES              | Plug And Socket and other related product             | "Cl. 14 Construction of Plugs and Portable Socket - Outlet"  | IS 1293  |
| 1039 | ELECTRICAL- WIRING ACCESSORIES              | Plug And Socket and other related product             | "Cl. 15 Interlocked Socket - Outlets "   | IS 1293  |
| 1040 | ELECTRICAL- WIRING ACCESSORIES              | Plug And Socket and other related product             | "Cl. 16.1 Resistance to Ageing "   | IS 1293  |
| 1041 | ELECTRICAL- WIRING ACCESSORIES              | Plug And Socket and other related product             | "Cl. 16.2 Resistance to Harmful Ingress of Water "   | IS 1293  |



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| 1042 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 16.3 Resistance to Humidity "   | IS 1293  |
| 1043 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 17.1 Insulation Resistance "  | IS 1293  |
| 1044 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 17.2 Electric Strength "  | IS 1293  |
| 1045 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 17.3 Flash Test "   | IS 1293  |
| 1046 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 18 Operation of Earthing Contacts "   | IS 1293  |
| 1047 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 19 Temperature Rise "   | IS 1293  |
| 1048 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 22 Force Necessary to withdraw the plug "   | IS 1293  |
| 1049 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 23 Flexible cables and their connections "  | IS 1293  |
| 1050 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 24 Mechanical Strength "  | IS 1293  |
| 1051 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 25 Resistance to heat "   | IS 1293  |
| 1052 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 26 Screws, Current carrying parts and Connections "   | IS 1293  |
| 1053 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 27 Creepage distances, Clearances and Distances through sealing compound "                            | IS 1293  |
| 1054 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 28.1 Resistance to abnormal heat and to fire "  | IS 1293  |
| 1055 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 28.2 Resistance to Tracking Test "  | IS 1293  |
| 1056 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 29 Resistance to Rusting "  | IS 1293  |
| 1057 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 30.1 Pressure test at high temperature on insulating sleeves "  | IS 1293  |
| 1058 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product | "Cl. 30.2 Static damp heat test on insulating sleeves "  | IS 1293  |



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| 1059 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product                                      | "Cl. 30.3 Impact test at low temperature on insulating sleeves "   | IS 1293  |
| 1060 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product                                      | "Cl. 30.4 Tests at low temperature on insulating sleeves "   | IS 1293  |
| 1061 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product                                      | "Cl. 6 Ratings "   | IS 1293  |
| 1062 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product                                      | "Cl. 7 Classification "  | IS 1293  |
| 1063 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product                                      | "Cl. 8 Marking "   | IS 1293  |
| 1064 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product                                      | "Cl. 9 Checking of Dimensions "  | IS 1293  |
| 1065 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product                                      | Cl. 20 Making Breaking Capacity  | IS 1293  |
| 1066 | ELECTRICAL- WIRING ACCESSORIES | Plug And Socket and other related product                                      | Cl. 21 Normal Operation  | IS 1293  |
| 1067 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 10 Protection Against Electric Shock "  | IS 3854:1997 Reaff-2007  |
| 1068 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 11 Provision for Earthing "   | IS 3854:1997 Reaff-2007  |
| 1069 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 12 Terminals "  | IS 3854:1997 Reaff-2007  |
| 1070 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 13 Constructional Requirements "  | IS 3854:1997 Reaff-2007  |
| 1071 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 14 Mechanism "  | IS 3854:1997 Reaff-2007  |
| 1072 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 15.1 Resistance to Ageing "   | IS 3854:1997 Reaff-2007  |
| 1073 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 15.2 Resistance to Harmful Ingress of Water "   | IS 3854:1997 Reaff-2007  |
| 1074 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 15.3 Resistance to Humidity "   | IS 3854:1997 Reaff-2007  |
| 1075 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 16.1 Insulation Resistance "  | IS 3854:1997 Reaff-2007  |
| 1076 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 16.2 Electric Strength "  | IS 3854:1997 Reaff-2007  |



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| 1077 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 16.3 Flash Test "   | IS 3854:1997 Reaff-2007  |
| 1078 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 17 Temperature Rise "   | IS 3854:1997 Reaff-2007  |
| 1079 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 20 Mechanical Strength "  | IS 3854:1997 Reaff-2007  |
| 1080 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 21 Resistance to heat "   | IS 3854:1997 Reaff-2007  |
| 1081 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 22 Screws, Current carrying parts and Connections "   | IS 3854:1997 Reaff-2007  |
| 1082 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 23 Creepage distances, Clearances and Distances through sealing compound "                            | IS 3854:1997 Reaff-2007  |
| 1083 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 24.1 Resistance to abnormal heat and to fire "  | IS 3854:1997 Reaff-2007  |
| 1084 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 24.2 Resistance to Tracking Test "  | IS 3854:1997 Reaff-2007  |
| 1085 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 25 Resistance to Rusting "  | IS 3854:1997 Reaff-2007  |
| 1086 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 6 Ratings "   | IS 3854:1997 Reaff-2007  |
| 1087 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 7 Classification "  | IS 3854:1997 Reaff-2007  |
| 1088 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 8 Marking "   | IS 3854:1997 Reaff-2007  |
| 1089 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | "Cl. 9 Checking of Dimensions "  | IS 3854:1997 Reaff-2007  |
| 1090 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | Cl. 18 Making Breaking Capacity  | IS 3854  |
| 1091 | ELECTRICAL- WIRING ACCESSORIES | Switches for Domestic and Similar Purposes - Specification and others products | Cl. 19 Normal Operation  | IS 3854  |
| 1092 | ELECTRONICS- AUDIO EQUIPMENT   | Amplifiers   | "Provisions for protective earthing Cl.15.2 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1093 | ELECTRONICS- AUDIO EQUIPMENT   | Amplifiers   | "Humidity Test Clause No: 10.3"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1094 | ELECTRONICS- AUDIO EQUIPMENT   | Amplifiers   | Fault condition Cl.11  | "IS 616:2017 IEC 60065 : 2014 "  |



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| 1095 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Antenna coaxial Sockets mounted on the apparatus Cl.12.5 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1096 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Clearances Cl.13.3,13.3.1, 13.3.2 & 13.3.3"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1097 | ELECTRONICS- AUDIO EQUIPMENT | amplifiers                   | "Construction requirement with regard to the protection against electric shock Cl.8, "                                | "IS 616:2017 IEC 60065 : 2014 "  |
| 1098 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Creepage Distances Cl.13.4"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1099 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Determination of working Voltage Cl.13.2 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1100 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Drawer Cl.12.4 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1101 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Drop Test Cl.12.1.5"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1102 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Electric shock hazard under normal operating conditions Cl.9   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1103 | ELECTRONICS- AUDIO EQUIPMENT | amplifiers                   | "Electric shock hazardous Cl.8.8,Cl.8.9, Cl.8.10,Cl.8.11 & Cl.8.12"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1104 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Enclosed and sealed parts Cl.13.7, Cl.13.8"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1105 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Endurance test for wound components with insulated winding wires without additional interleaved insulation Cl.8.17 " | "IS 616:2017 IEC 60065 : 2014 "  |
| 1106 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "External flexible cord Cl: 16  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1107 | ELECTRONICS- AUDIO EQUIPMENT | amplifiers                   | "Hygroscopic materials. Cl.8.3 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1108 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Impact Test Cl.12.1.4"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1109 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Insulation Resistance Clause No: 10.4, Cl.10.4.1, Cl.10.4.2"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1110 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Jointed Insulation Cl.13.6"  | "IS 616:2017 IEC 60065 : 2014 "  |



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| 1111 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Measurement of transient Voltages Cl.13.3.4 a"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1112 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Measurement of transient Voltages Cl.13.3.4 b"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1113 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Mechanical strength Cl.12 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1114 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Normal operating condition Cl.4.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1115 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Plug & Sockets Cl.15.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1116 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Pre-set control Clause No:9.1.5  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1117 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Printed Boards Cl.13.5"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1118 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Remote Control Devices held in hand Cl.12.3 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1119 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Stability and mechanical hazards Cl.19 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1120 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Stress relief Test Cl.12.1.6"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1121 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Terminals Cl.15, 15.2, 15.3 & 15.4 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1122 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Tests, Stress relief test, Battery replacement test, Drop test, Impact test, Crush test. Cl.12.7.3, Cl. 12.7.3.1, Cl 12.7.3.2, Cl. 12.7.3.3, Cl. 12.7.3.4, Cl. 12.7.3.5, Cl. 12.7.3.6" | "IS 616:2017 IEC 60065 : 2014 "  |
| 1123 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Wall or ceiling mounting means Cl.19.7"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1124 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Withdrawal of mains plug Clause No: 9.1.6"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1125 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Apparatus containing coin/Button Cell Batteries Cl.12.7   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1126 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Bump Test Cl.12.1.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1127 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Caution Marking Cl.5.4  | "IS 616:2017 IEC 60065 : 2014 "  |



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| 1128 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Clearance & Creepage distances Cl: 13, & Cl.13.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1129 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Complete apparatus Cl.12.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1130 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Compliance Cl. 12.7.4  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1131 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Construction Requirements Cl. 12.7.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1132 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Device forming a part of the mains plug Cl. 15.4, Cl. 15.4.1, Cl. 15.4.2, Cl. 15.4.3                       | "IS 616:2017 IEC 60065 : 2014 "  |
| 1133 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Disconnection from the mains Cl.8.18 , Cl.8.19 & Cl.8.20   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1134 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17, Cl.17.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1135 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1136 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1137 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17.4, Cl.17.5, Cl.17.6  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1138 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17.7, Cl.17.8, Cl.17.9  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1139 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric shock hazard Cl.11.1  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1140 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric shock hazardous Cl.8.13, Cl.8.14, Cl.8.15 & Cl.8.16   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1141 | ELECTRONICS- AUDIO EQUIPMENT | amplifiers                   | Electric shock hazardous Cl.8.4, Cl.8.5, Cl.8.6  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1142 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electrical components and mechanical parts Cl 20.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1143 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Fault Condition Cl.4.3   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1144 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Fire Enclosure Cl.20.3, Cl.20.3.1, Cl.20.3.2, Cl.20.3.3,   | "IS 616:2017 IEC 60065 : 2014 "  |



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| 1145 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Fixing of actuating elements Cl.12.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1146 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Fragmentation test Cl.19.6.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1147 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | General Cl. 12.7   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1148 | ELECTRONICS- AUDIO EQUIPMENT | amplifiers                   | Heat resistance of insulating material Cl.7.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1149 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Heating test Cl.11.2, Cl.11.2.1, Cl.11.2.2, Cl.11.2.3, Cl.11.2.4, Cl.11.2.5, Cl.11.2.6, Cl.11.2.7, Cl.11.2.8       | "IS 616:2017 IEC 60065 : 2014 "  |
| 1150 | ELECTRONICS- AUDIO EQUIPMENT | amplifiers                   | Heating under normal operating conditions Cl.7, Cl.7.1, Cl.7.1.1, Cl.7.1.2, Cl.7.1.3, Cl.7.1.4, Cl.7.1.5, Cl.7.1.6 | "IS 616:2017 IEC 60065 : 2014 "  |
| 1151 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Horizontal force test Cl.19.4  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1152 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Identification and supply ratings Cl.5.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1153 | ELECTRONICS- AUDIO EQUIPMENT | amplifiers                   | Instructions Cl.5.5, Cl.5.5.1, Cl.5.5.2, Cl.5.5.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1154 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Insulation requirements Cl.10  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1155 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Marking & Instructions Cl.5  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1156 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Mechanical strength of glass Cl.19.6   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1157 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Opening of the enclosure Clause No: 9.1.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1158 | ELECTRONICS- AUDIO EQUIPMENT | amplifiers                   | Operations by Hand Cl.8.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1159 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Removal of protective covers Cl.9.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1160 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Requirements Cl.12.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1161 | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Requirements Cl.19.6.1   | "IS 616:2017 IEC 60065 : 2014 "  |



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| 1162 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Requirements Cl.20.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1163 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Requirements& Test Method Cl.19.7.1, Cl.19.7.2, Cl.19.7.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1164 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Resistance to external forces Clause No: 9.1.7   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1165 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Resistance to fire Cl.20   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1166 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Shafts of operating nonbs, Handles, Levers and the like Clause No: 9.1.2                                   | IS 616:2017 IEC 60065 : 2014 "   |
| 1167 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Stability requirements Cl.19.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1168 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Surge test Cl.10.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1169 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Telescoping or rod antennas Cl.12.6, Cl.12.6.1, Cl.12.6.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1170 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Terminals Clause No: 9.1.4   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1171 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Terminals Cl.5.3   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1172 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Terminals for external flexible cords and for permanent connection to the mains Cl.15.3                    | "IS 616:2017 IEC 60065 : 2014 "  |
| 1173 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Test at 10° to the horizontal Cl.19.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1174 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Test of edges and corners Cl.19.5  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1175 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Test specifications of non-separable thin sheet material Cl.8.21   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1176 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Vertical force test Cl.19.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1177 | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers  | Vibration Test Cl.12.1.3   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1178 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "AC Power Distribution System Cl.1.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1179 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1180 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1181 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1182 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1183 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1184 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1185 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1186 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1187 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1188 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Determination of working voltage Cl.2.10.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1189 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1190 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1191 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1192 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1193 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1194 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Enclosed and sealed parts Cl.2.10.12 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1195 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Fail-safe Cl.2.8.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1196 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Faults Not simulated in 5.3.7 Cl.2.7.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1197 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Functional Earthing Cl.2.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|---|--|
| 1198 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1199 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1200 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1201 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1202 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1203 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1204 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1205 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components, & Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1206 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1207 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1208 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1209 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1210 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1211 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1212 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1213 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Measurement of transient voltages 2.10.3.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1214 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Mechanical actuators Cl.2.8.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1215 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Minimum Creepage Distances Cl.2.10.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|--|--|
| 1216 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Moving Parts Cl.2.8.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1217 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1218 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1219 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Over Load Test Cl.2.8.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1220 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1221 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1222 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1223 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "protection against hazardous moving part Test as per Annex EE"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1224 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1225 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1226 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Protection from Hazards Cl. 2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|--|--|
| 1227 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1228 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1229 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Protection Requirements Cl.2.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1230 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1231 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Protective Earthing. Cl.2.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1232 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1233 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1234 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13,& Cl.1.7.14 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1235 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|---|--|
| 1236 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1237 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Separation from Hazardous voltages Cl.2.9.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1238 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Short-circuit backup protection Cl.2.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1239 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1240 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Temperature rise of a winding (Annex E)  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1241 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Temperature rise of a winding (Annex E)  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1242 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Terminals Cl.2.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1243 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1244 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8, & Cl.2.10.8.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1245 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| S.No | Discipline / Group  | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|---|---|--|
| 1246 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1247 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1248 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1249 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1250 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1251 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1252 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1253 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|---|---|
| 1254 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1255 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Annex DD Requirement for mounting wheels of rack mounted equipment |
| 1256 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | Basic Requirements Cl.2.7.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1257 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | Battery Compartments Cl.2.1.1.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1258 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | Discharge of capacitors in Equipment Cl.2.1.1.7   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1259 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1260 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | Energy hazards Cl.2.1.1.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1261 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | Energy hazards d.c. mains supply Cl.2.1.1.8   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1262 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | Frequency Cl. 2.10.1.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1263 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product | General Cl.2.10.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---|--|---|--|
| 1264 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product  | Impulse Test Cl.7.4.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1265 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product  | Number and location of protective device Cl.2.7.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1266 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Data Ports additional equipments Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1267 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1268 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1269 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1270 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1271 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1272 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1273 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 1274 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1275 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Conductor sizes to be connected Cl.3.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1276 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2..1.1,Cl.3.2.1.2 "                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1277 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1278 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Connection to telecommunication network Cl.6.0 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1279 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Cord guards Cl.3.2.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1280 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "        | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1281 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|--|--|--|
| 1282 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1283 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1284 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1285 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1286 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electromechanical Components Cl.5.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1287 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Functional Insulation Cl.5.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|--|---|--|
| 1288 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1289 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1290 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Insulation of conductors Cl.3.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1291 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1292 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1293 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Material used in high-Voltage Components Cl.4.7.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1294 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Materials for air filter assemblies Cl.4.7.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1295 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1296 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Materials for fire enclosure Cl.4.7.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|--|---|---|
| 1297 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1298 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1299 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1300 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1301 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Permanently connected equipment Cl.3.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1302 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Physical Requirements, Stability Cl.4, Cl.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Physical Requirements, Stability Cl.4, Cl.4.1 " |
| 1303 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1304 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection against mechanical damage Cl.3.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1305 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection from hazardous Voltages Cl.6.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1306 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---|--|--|--|
| 1307 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1308 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1309 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of the telecommunication wiring system from overheating Cl.6.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1310 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1311 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1312 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Resistance to fire Cl.4.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1313 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1314 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1315 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1316 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1317 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Steady state test and compliance criteria Cl.6.2.2.2 & cl.6.2.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1318 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1319 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1320 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1321 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits, Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1322 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Transformer Cl.5.3.3 & Annex C.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1323 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Unattended Equipment Cl.5.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1324 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wall or ceiling mounted equipment Cl.4.2.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1325 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "                        | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|--|---|--|
| 1326 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1327 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1328 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1329 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | D.C. Power supply cords Cl.3.2.5.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1330 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Impulse test Cl.6.2.2.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1331 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Openings in enclosures Cl.4.6.1 & Cl.4.6.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1332 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | KV   | "Electric Strength test Cl.2.10.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1333 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.                                       | Vibration Test Cl.12.1.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1334 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.                                       | Fault condition Cl.11   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1335 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.                                       | "Antenna coaxial Sockets mounted on the apparatus Cl.12.5"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1336 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.                                       | "Clearances Cl.13.3,13.3.1, 13.3.2 & 13.3.3"  | "IS 616:2017 IEC 60065 : 2014 "  |



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|------|---|--|---|--|
| 1337 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Construction requirement with regard to the protection against electric shock Cl.8, Cl.8.1"                          | "IS 616:2017 IEC 60065 : 2014 "  |
| 1338 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Creepage Distances Cl.13.4"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1339 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Determination of working Voltage Cl.13.2"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1340 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Drawer Cl.12.4 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1341 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Drop Test Cl.12.1.5"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1342 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Electric shock hazard under normal operating conditions Cl.9 ,Cl.9.1, Cl.9.1.1, Cl.9.1.1.1, Cl.9.1.1.2, Cl.9.1.1.3"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1343 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Electric shock hazardous Cl.8.8,Cl.8.9, Cl.8.10,Cl.8.11 & Cl.8.12"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1344 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Enclosed and sealed parts Cl.13.7, Cl.13.8"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1345 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Endurance test for wound components with insulated winding wires without additional interleaved insulation Cl.8.17 " | "IS 616:2017 IEC 60065 : 2014 "  |
| 1346 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "External flexible cord Cl: 16, Cl.16.1, Cl.16.2, Cl.16.3, Cl.16.4, Cl.16.5, Cl.16.6, Cl.16.7 "                       | "IS 616:2017 IEC 60065 : 2014 "  |
| 1347 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Humidity Test Clause No: 10.3"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1348 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Hygroscopic materials. Cl.8.3 "  | "IS 616:2017 IEC 60065 : 2014 "  |



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|------|---|--|--|--|
| 1349 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Impact Test Cl.12.1.4"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1350 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Insulation Resistance Clause No: 10.4, Cl.10.4.1, Cl.10.4.2"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1351 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Jointed Insulation Cl.13.6"   | "IS 616:2017 IEC 60065 : 2014"   |
| 1352 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Measurement of transient Voltages Cl.13.3.4 a"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1353 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Measurement of transient Voltages Cl.13.3.4 b"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1354 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Mechanical strength Cl.12"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1355 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Normal operating condition Cl.4.2"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1356 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Plug & Sockets Cl.15.1, Cl.15.1.1, Cl.15.1.2, Cl.15.1.3"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1357 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Pre-set control Clause No: 9.1.5"   | "IS 616:2017 IEC 60065 : 2014"   |
| 1358 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Printed Boards Cl.13.5"   | "IS 616:2017 IEC 60065 : 2014"   |
| 1359 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Provisions for protective earthing Cl.15.2"   | "IS 616:2017 IEC 60065 : 2014"   |
| 1360 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Remote Control Devices held in hand Cl.12.3"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1361 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Stability and mechanical hazards Cl.19"   | "IS 616:2017 IEC 60065 : 2014"   |
| 1362 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Stress relief Test Cl.12.1.6"   | "IS 616:2017 IEC 60065 : 2014"   |



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|------|---|--|--|--|
| 1363 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Terminals Cl.15"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1364 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Wall or ceiling mounting means Cl.19.7 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1365 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | "Withdrawal of mains plug Clause No: 9.1.6"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1366 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Apparatus containing coin/Button Cell Batteries Cl.12.7  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1367 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Bump Test Cl.12. 1.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1368 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Caution Marking Cl.5.4   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1369 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Clearance & Creepage distances Cl: 13, & Cl.13.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1370 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Complete apparatus Cl.12.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1371 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Compliance Cl. 12.7.4  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1372 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Construction Requirements Cl.12.7.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1373 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Device forming a part of the mains plug Cl. 15.4, Cl. 15.4.1, Cl. 15.4.2, Cl. 15.4.3                       | "IS 616:2017 IEC 60065 : 2014 "  |
| 1374 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Disconnection from the mains Cl.8.18 , Cl.8.19 & Cl.8.20   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1375 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electric connection and Mechanical Fixing Cl.17, Cl.17.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1376 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electric connection and Mechanical Fixing Cl.17.2  | "IS 616:2017 IEC 60065 : 2014 "  |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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| S.No | Discipline / Group  | Materials or Products tested                                   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 1377 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electric connection and Mechanical Fixing Cl.17.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1378 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electric connection and Mechanical Fixing Cl.17.4,Cl.17.5, Cl.17.6   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1379 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electric connection and Mechanical Fixing Cl.17.7,Cl.17.8, Cl.17.9   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1380 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electric shock hazard Cl.11.1  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1381 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electric shock hazardous Cl.8.13,Cl.8.14, Cl.8.15 & Cl.8.16  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1382 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electric shock hazardous Cl.8.4, Cl.8.5, Cl.8.6 & Cl. 8.7  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1383 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Electrical components and mechanical parts Cl.20.2, Cl.20.2.1, Cl.20.2.2, Cl.20.2.3, Cl.20.2.4, Cl.20.2.5  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1384 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Fire Enclosure Cl.20.3, Cl.20.3.1, Cl.20.3.2, Cl.20.3.3,   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1385 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Fixing of actuating elements Cl.12.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1386 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Fragmentation test Cl.19.6.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1387 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Frequencies Cl.10.1  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1388 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | General Cl. 12.7.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1389 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | General Requirements Cl.5.1  | "IS 616:2017 IEC 60065 : 2014 "  |



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| S.No | Discipline / Group  | Materials or Products tested                                   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed         | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 1390 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Heat resistance of insulating material Cl.7.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1391 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Heating test Cl.11.2, Cl.11.2.1, Cl.11.2.2, Cl.11.2.3, Cl.11.2.4, Cl.11.2.5, Cl.11.2.6, Cl.11.2.7, Cl.11.2.8       | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1392 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Heating under normal operating conditions Cl.7, Cl.7.1, Cl.7.1.1, Cl.7.1.2, Cl.7.1.3, Cl.7.1.4, Cl.7.1.5, Cl.7.1.6 | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1393 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Horizontal force test Cl.19.4  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1394 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Identification and supply ratings Cl.5.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1395 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Instructions Cl.5.5, Cl.5.5.1, Cl.5.5.2, Cl.5.5.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1396 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Insulation requirements Cl.10  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1397 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Marking & Instructions Cl.5  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1398 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Mechanical strength of glass Cl.19.6   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1399 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Opening of the enclosure Clause No: 9.1.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1400 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Operations by Hand Cl.8.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1401 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Removal of protective covers Cl.9.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1402 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Requirements Cl.12.1.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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## SCOPE OF ACCREDITATION

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| S.No | Discipline / Group  | Materials or Products tested                                   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 1403 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Requirements Cl.19.6.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 1404 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Requirements Cl.20.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 1405 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Requirements& Test Method Cl.19.7.1, Cl.19.7.2, Cl.19.7.3  | "IS 616:2017 IEC 60065 : 2014"   |
| 1406 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Resistance to external forces Clause No: 9.1.7   | "IS 616:2017 IEC 60065 : 2014"   |
| 1407 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Resistance to fire Cl.20   | "IS 616:2017 IEC 60065 : 2014"   |
| 1408 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Shafts of operating nonbs, Handles, Levers and the like Clause No: 9.1.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 1409 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Stability requirements Cl.19.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 1410 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Surge test Cl.10.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 1411 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Telescoping or rod antennas Cl.12.6, Cl.12.6.1, Cl.12.6.2  | "IS 616:2017 IEC 60065 : 2014"   |
| 1412 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Terminals Clause No: 9.1.4   | "IS 616:2017 IEC 60065 : 2014"   |
| 1413 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Terminals Cl.5.3   | "IS 616:2017 IEC 60065 : 2014"   |
| 1414 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product. | Terminals for external flexible cords and for permanent connection to the mains Cl.15.3, Cl.15.3.1, Cl.15.3.2, Cl.15.3.3, Cl.15.3.4, Cl.15.3.5, Cl.15.3.6, Cl.15.3.7, Cl.15.3.8, Cl.15.3.9 | "IS 616:2017 IEC 60065 : 2014"   |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 1415 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.   | Test at 10° to the horizontal Cl.19.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1416 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.   | Test of edges and corners Cl.19.5  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1417 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.   | Test specifications of non-separable thin sheet material Cl.8.21   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1418 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.   | Tests Cl. 12.7.3, Cl. 12.7.3.1, Cl 12.7.3.2, Cl. 12.7.3.3, Cl. 12.7.3.4, Cl. 12.7.3.5, Cl. 12.7.3.6        | "IS 616:2017 IEC 60065 : 2014 "  |
| 1419 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components AND Other related product.   | Vertical force test Cl.19.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1420 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Stability and mechanical hazards Cl.19"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1421 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17, Cl.17.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1422 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17.2  | "IS 616:2017 IEC 60065 : 2014 "  |



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|------|---|--|--|--|
| 1423 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1424 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17.4,Cl.17.5, Cl.17.6   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1425 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17.7,Cl.17.8, Cl.17.9   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1426 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Horizontal force test Cl.19.4  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1427 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Stability requirements Cl.19.1   | "IS 616:2017 IEC 60065 : 2014 "  |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM  
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|------|---|--|--|--|
| 1428 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Test at 10° to the horizontal Cl.19.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1429 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Test of edges and corners Cl.19.5  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1430 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Vertical force test Cl.19.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1431 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Fault condition Cl.11  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1432 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Antenna coaxial Sockets mounted on the apparatus Cl.12.5"   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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|                               |   |                        |            |
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|------|---|--|--|--|
| 1433 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Clearances Cl.13.3,13.3.1, 13.3.2 & 13.3.3"   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1434 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Creepage Distances Cl.13.4"   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1435 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Determination of working Voltage Cl.13.2"   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1436 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Drawer Cl.12.4"   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1437 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Drop Test Cl.12.1.5"  | "IS 616:2017 IEC 60065 : 2014<br>"   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 1438 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Enclosed and sealed parts Cl.13.7, Cl.13.8"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1439 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "External flexible cord Cl: 16, Cl.16.1, Cl.16.2, Cl.16.3, Cl.16.4, Cl.16.5, Cl.16.6, Cl.16.7 "            | "IS 616:2017 IEC 60065 : 2014 "  |
| 1440 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Humidity Test Clause No: 10.3"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1441 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Impact Test Cl.12.1.4"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1442 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Insulation Resistance Clause No: 10.4, Cl.10.4.1, Cl.10.4.2"  | "IS 616:2017 IEC 60065 : 2014 "  |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 1443 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Jointed Insulation Cl.13.6"   | "IS 616:2017 IEC 60065 : 2014"   |
| 1444 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Measurement of transient Voltages Cl.13.3.4 a"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1445 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Measurement of transient Voltages Cl.13.3.4 b"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1446 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Mechanical strength Cl.12"  | "IS 616:2017 IEC 60065 : 2014"   |
| 1447 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Plug & Sockets Cl.15.1, Cl.15.1.1, Cl.15.1.2, Cl.15.1.3"  | "IS 616:2017 IEC 60065 : 2014"   |



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|------|---|--|--|--|
| 1448 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Pre-set control Clause No: 9.1.5"   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1449 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Printed Boards Cl.13.5"   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1450 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Provisions for protective earthing Cl.15.2"   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1451 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Remote Control Devices held in hand Cl.12.3"  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1452 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Stress relief Test Cl.12.1.6"   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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## SCOPE OF ACCREDITATION

|                               |   |                        |            |
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| 1453 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Terminals Cl.15"  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1454 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Wall or ceiling mounting means Cl.19.7"   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1455 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Withdrawal of mains plug Clause No: 9.1.6 "   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1456 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Apparatus containing coin/Button Cell Batteries Cl.12.7  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1457 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Bump Test Cl.12.1.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| 1458 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Clearance & Creepage distances Cl:13, & Cl.13.1  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1459 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Complete apparatus Cl.12.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1460 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Compliance Cl. 12.7.4  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1461 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Construction Requirements Cl. 12.7.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1462 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Device forming a part of the mains plug Cl. 15.4, Cl. 15.4.1, Cl. 15.4.2, Cl. 15.4.3                       | "IS 616:2017 IEC 60065 : 2014 "  |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| 1463 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric shock hazard Cl.11.1  | "IS 616:2017 IEC 60065 : 2014"   |
| 1464 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electrical components and mechanical parts Cl.20.2, Cl.20.2.1, Cl.20.2.2, Cl.20.2.3, Cl.20.2.4, Cl.20.2.5  | "IS 616:2017 IEC 60065 : 2014"   |
| 1465 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Fire Enclosure Cl.20.3, Cl.20.3.1, Cl.20.3.2, Cl.20.3.3,   | "IS 616:2017 IEC 60065 : 2014"   |
| 1466 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Fixing of actuating elements Cl.12.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 1467 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Fragmentation test Cl.19.6.2   | "IS 616:2017 IEC 60065 : 2014"   |



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| 1468 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Frequencies Cl.10.1  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1469 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | General Cl. 12.7.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1470 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Heating test Cl.11.2, Cl.11.2.1, Cl.11.2.2, Cl.11.2.3, Cl.11.2.4, Cl.11.2.5, Cl.11.2.6, Cl.11.2.7, Cl.11.2.8 | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1471 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Insulation requirements Cl.10  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1472 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Mechanical strength of glass Cl.19.6   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| 1473 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Removal of protective covers Cl.9.2  | "IS 616:2017 IEC 60065 : 2014"   |
| 1474 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Requirements Cl.12.1.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 1475 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Requirements Cl.19.6.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 1476 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Requirements Cl.20.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 1477 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Requirements & Test Method Cl.19.7.1, Cl.19.7.2, Cl.19.7.3   | "IS 616:2017 IEC 60065 : 2014"   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM  
BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-6319 **Page No** 119 of 568

**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|---|--|
| 1478 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Resistance to external forces<br>Clause No: 9.1.7   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1479 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Resistance to fire Cl.20  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1480 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Surge test Cl.10.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1481 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Telescoping or rod antennas<br>Cl.12.6, Cl.12.6.1, Cl.12.6.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1482 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Terminals for external flexible cords and for permanent connection to the mains<br>Cl.15.3, Cl.15.3.1, Cl.15.3.2, Cl.15.3.3, Cl.15.3.4, Cl.15.3.5, Cl.15.3.6, Cl.15.3.7, Cl.15.3.8, Cl.15.3.9 | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| 1483 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Tests Cl. 12.7.3, Cl. 12.7.3.1, Cl. 12.7.3.2, Cl. 12.7.3.3, Cl. 12.7.3.4, Cl. 12.7.3.5, Cl. 12.7.3.6                 | "IS 616:2017 IEC 60065 : 2014 "  |
| 1484 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Vibration Test Cl.12.1.3   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1485 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard  | "Construction requirement with regard to the protection against electric shock Cl.8, Cl.8.1 "                        | "IS 616:2017 IEC 60065 : 2014 "  |
| 1486 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard  | "Electric shock hazard under normal operating conditions Cl.9 ,Cl.9.1, Cl.9.1.1, Cl.9.1.1.1, Cl.9.1.1.2, Cl.9.1.1.3" | "IS 616:2017 IEC 60065 : 2014 "  |
| 1487 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard  | "Electric shock hazardous Cl.8.8,Cl.8.9, Cl.8.10,Cl.8.11 & Cl.8.12 "   | "IS 616:2017 IEC 60065 : 2014 "  |



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| 1488 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | "Endurance test for wound components with insulated winding wires without additional interleaved insulation Cl.8.17 " | "IS 616:2017 IEC 60065 : 2014 "  |
| 1489 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | "Hygroscopic materials. Cl.8.3 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1490 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Caution Marking Cl.5.4  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1491 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Disconnection from the mains Cl.8.18 , Cl.8.19 & Cl.8.20  | "IS 616:2017 IEC 60065 : 2014 "  |
| 1492 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Electric shock hazardous Cl.8.13,Cl.8.14, Cl.8.15 & Cl.8.16   | "IS 616:2017 IEC 60065 : 2014 "  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| 1493 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Electric shock hazardous Cl.8.4, Cl.8.5, Cl.8.6 & Cl. 8.7  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1494 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | General Requirements Cl.5.1  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1495 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Heat resistance of insulating material Cl.7.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1496 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Heating under normal operating conditions Cl.7, Cl.7.1, Cl.7.1.1, Cl.7.1.2, Cl.7.1.3, Cl.7.1.4, Cl.7.1.5, Cl.7.1.6 | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1497 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Identification and supply ratings Cl.5.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| 1498 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Instructions Cl.5.5, Cl.5.5.1, Cl.5.5.2, Cl.5.5.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1499 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Marking & Instructions Cl.5  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1500 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Opening of the enclosure<br>Clause No: 9.1.3   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1501 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Operations by Hand Cl.8.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 1502 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Shafts of operating knobs,<br>Handles, Levers and the like<br>Clause No: 9.1.2                             | "IS 616:2017 IEC 60065 : 2014<br>"   |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| 1503 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Terminals Clause No: 9.1.4   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1504 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Terminals Cl.5.3   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1505 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video montors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other related product to standard | Test specifications of non-separable thin sheet material Cl.8.21   | "IS 616:2017 IEC 60065 : 2014 "  |
| 1506 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1507 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1508 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1509 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1510 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3, Cl.4.3.4 & Cl.4.3.5 "    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1511 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1512 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1513 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1514 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1515 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1516 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1517 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1518 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1519 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1520 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|--|---|--|
| 1521 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Conductor sizes to be connected Cl.3.3.4 "       |
| 1522 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2..1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1523 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Connection to telecommunication network Cl.6.0 " |
| 1524 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1525 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1526 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1527 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1528 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---|--|--|--|
| 1529 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Determination of working voltage Cl.2.10.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1530 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1531 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1532 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1533 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1534 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1535 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|--|---|--|
| 1536 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1537 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " |
| 1538 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electromechanical Components Cl.5.3.5 "  |
| 1539 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1540 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1541 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1542 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1543 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Grade of insulation Cl.2.9.3 "   |



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|------|---|--|--|--|
| 1544 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 "              | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1545 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Impact Test Cl.4.2.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1546 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Inadvertent reactivation Cl.2.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1547 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1548 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1549 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1550 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1551 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Material for components and other parts inside fire enclosure Cl.4.7.3.4 " |



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|------|---|--|---|--|
| 1552 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Material used in high-Voltage Components Cl.4.7.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1553 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Materials for air filter assemblies Cl.4.7.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Materials for air filter assemblies Cl.4.7.3.5 "                              |
| 1554 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Materials for components and other parts outside fire enclosures Cl.4.7.3.3 " |
| 1555 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Materials for fire enclosure Cl.4.7.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Materials for fire enclosure Cl.4.7.3.2 "                                     |
| 1556 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Materials & General Cl.4.7.3 & Cl.4.7.3.1 "                                   |
| 1557 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1558 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1559 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1560 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---|--|--|--|
| 1561 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Moving Parts Cl.2.8.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1562 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Multiple supply connections Cl.3.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1563 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1564 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1565 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1566 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1567 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1568 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1569 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1570 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection against mechanical damage Cl.3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1571 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used   |
|------|---|--|--|--|
| 1572 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection from hazardous Voltages Cl.6.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Protection from hazardous Voltages Cl.6.1.1 "  |
| 1573 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1574 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 " |
| 1575 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection Requirements Cl.2.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1576 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1577 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1578 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used  |
|------|---|--|---|---|
| 1579 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Resistance to fire Cl.4.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1580 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1581 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1582 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1583 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Separation from Hazardous voltages Cl.2.9.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1584 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 " |
| 1585 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Short-circuit backup protection Cl.2.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1586 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Simulation of Faults Cl.5.3.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Simulation of Faults Cl.5.3.7 "  |
| 1587 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Sleeving on wiring Cl.3.1.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---|--|---|---|
| 1588 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1589 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Steady state test and compliance criteria Cl.6.2.2.2 & cl.6.2.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Steady state test and compliance criteria Cl.6.2.2.2 & cl.6.2.2.3 " |
| 1590 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Stress relief test Cl.4.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1591 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Supply wiring spaces Cl.3.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1592 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Switches and relays Cl.2.8.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1593 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Termination of conductors Cl.3.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1594 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1595 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8, & Cl.2.10.8.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1596 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1597 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---|--|---|--|
| 1598 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1599 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1600 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Transformer Cl.5.3.3 & Annex C.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1601 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl.2.10.3.7, Cl.2.10.3.8, "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1602 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1603 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1604 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1605 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1606 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|--|---|---|
| 1607 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |
| 1608 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1"    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |
| 1609 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |
| 1610 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | D.C. Power supply cords Cl.3.2.5.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |
| 1611 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | Frequency Cl. 2.10.1.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |
| 1612 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | General Cl.2.10.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |
| 1613 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | Impulse test Cl.6.2.2.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Impulse test Cl.6.2.2.1  |
| 1614 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | Motor Cl.5.3.2 & Annex B  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Motor Cl.5.3.2 & Annex B |
| 1615 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | Number and location of protective device Cl.2.7.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |
| 1616 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | Openings in enclosures Cl.4.6.1 & Cl.4.6.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |



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|------|---|---|---|--|
| 1617 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. " | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1618 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.   | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1619 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.   | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1620 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.   | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1621 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.   | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1622 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.   | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1623 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.   | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1624 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.   | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1625 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.   | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|--|--|
| 1626 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Audio amplifier in information technology equipment Cl.2.1.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1627 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1628 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1629 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1630 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Faults Not simulated in 5.3.7 Cl.2.7.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1631 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Functional Earthing Cl.2.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1632 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1633 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1634 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1635 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "         | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1636 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1637 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1638 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1639 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1640 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1641 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1642 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1643 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Over Current and Earth fault protection in primary circuits Cl.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1644 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|---|---|
| 1645 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection from electric shock and energy hazards Cl.2.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1646 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection from Hazards Cl. 2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1647 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1648 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   |
| 1649 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " |
| 1650 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1651 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1652 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protective Earthing. Cl.2.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---|---|---|--|
| 1653 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Provisions for Earthing and Bonding Cl.2.6, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1654 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1655 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1656 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Terminals Cl.2.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1657 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1658 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1659 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1660 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1661 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|--|--|
| 1662 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1663 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1664 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1665 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1666 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1667 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1668 | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1669 | ELECTRONICS- IT EQUIPMENT                                 | Servers   | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "                        | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1670 | ELECTRONICS- IT EQUIPMENT                                 | Servers   | "Multiple supply connections Cl.3.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1671 | ELECTRONICS- IT EQUIPMENT                                 | Servers   | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---------------------------|--|---|--|
| 1672 | ELECTRONICS- IT EQUIPMENT | Indian Languages Support for Mobile Phone Handset-Specific Requirement.  | Cl. No. 3.1 Indian Official Language Cl. No. 3.2 Third Indian Language Cl. No. 4 Requirement inbuilt capability to support the Indian official languages. Cl. No. 5 Tests Cl. No. 5.1 inputting of text Cl. No. 5.2 message readability Cl. No. 6 Marking | S 16333 (Part-3)   |
| 1673 | ELECTRONICS- IT EQUIPMENT | ata network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc  | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1674 | ELECTRONICS- IT EQUIPMENT | ata network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc  | "Limited power sources Cl.2.5, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1675 | ELECTRONICS- IT EQUIPMENT | ata network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc  | "Manual Controls Cl.2.1.1.6 "   | "Manual Controls Cl.2.1.1.6 "  |
| 1676 | ELECTRONICS- IT EQUIPMENT | ata network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc  | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1677 | ELECTRONICS- IT EQUIPMENT | ata network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc  | "Protective Earthing. Cl.2.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1678 | ELECTRONICS- IT EQUIPMENT | ata network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc  | "Provisions for Earthing and Bonding Cl.2.6, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1679 | ELECTRONICS- IT EQUIPMENT | ata network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc  | "Terminals Cl.2.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1680 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Data Ports additional equipments Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1681 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1682 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1683 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Abrasion resistance test Cl.2.10.8.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1684 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1685 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3, Cl.4.3.4 & Cl.4.3.5 "    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1686 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Appliance inlets Cl.3.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1687 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Audio amplifier in information technology equipment Cl.2.1.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1688 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1689 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Beads and ceramic insulators Cl.3.1.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1690 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Clearances & General Cl.2.10.3 & 2.10.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1691 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Clearances in circuits having starting pulses 2.10.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1692 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 1693 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1694 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1695 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1696 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Components Cl.1.5 ( Only Visual Tests )  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1697 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1698 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1699 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1700 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Connection to cable distribution system,& General Cl.7   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1701 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1702 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1703 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1704 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1705 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1706 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1707 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Determination of working voltage Cl.2.10.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1708 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1709 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4. " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1710 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1711 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1712 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1713 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1714 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1715 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1716 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1717 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1718 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electromechanical Components Cl.5.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1719 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Enclosed and sealed parts Cl.2.10.12 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1720 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Fail-safe Cl.2.8.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1721 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Faults Not simulated in 5.3.7 Cl.2.7.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1722 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1723 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1724 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1725 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1726 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1727 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1728 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Impact Test Cl.4.2.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1729 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Inadvertent reactivation Cl.2.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1730 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1731 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1732 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1733 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1734 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Insulation of conductors Cl.3.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1735 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1736 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1737 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1738 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Limited power sources Cl.2.5, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1739 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Mains Transient Voltages 2.10.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1740 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1741 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1742 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1743 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1744 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1745 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1746 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1747 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1748 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1749 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1750 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1751 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1752 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Multiple supply connections Cl.3.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1753 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1754 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1755 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1756 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1757 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Over Load Test Cl.2.8.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| 1758 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Overriding Cl.2.8.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1759 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1760 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1761 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1762 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1763 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1764 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1765 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1766 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection against mechanical damage Cl3.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1767 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1768 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1769 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection from hazardous Voltages Cl.6.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1770 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection from Hazards Cl. 2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1771 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1772 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1773 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1774 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1775 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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## SCOPE OF ACCREDITATION

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|------|---------------------------|--|---|--|
| 1776 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1777 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1778 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection Requirements Cl.2.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1779 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1780 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protective Earthing. Cl.2.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1781 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Provisions for Earthing and Bonding Cl.2.6, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1782 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1783 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1784 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1785 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1786 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1787 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1788 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1789 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1790 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1791 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1792 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1793 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| S.No | Discipline / Group        | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
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| 1794 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1795 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1796 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1797 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1798 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1799 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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## SCOPE OF ACCREDITATION

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| S.No | Discipline / Group        | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
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| 1800 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1801 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1802 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8, & Cl.2.10.8.1 "                                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1803 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Thermal Conditioning Cl.2.10.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1804 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Thermal conditioning Cl.2.10.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1805 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1806 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1807 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1808 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1809 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1810 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1811 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1812 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1813 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1814 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1815 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1816 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1817 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1818 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1819 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Adhesives for constructional purposes Cl.4.6.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1820 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1821 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1822 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1823 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| 1824 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1825 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1826 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1827 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1828 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1829 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|                               |  |                        |            |
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| 1830 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Impulse Test Cl.7.4.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1831 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Motor Cl.5.3.2 & Annex B  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1832 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Number and location of protective device Cl.2.7.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1833 | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | power interface tests Cl.1.6  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "AC Power Distribution System Cl.1.6.1 " |
| 1834 | ELECTRONICS- IT EQUIPMENT | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product  | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1835 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..et   | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1836 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc  | Data Ports additional equipments Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1837 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---------------------------|---|---|--|
| 1838 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1839 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1840 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "AC Power Distribution System Cl.1.6.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1841 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1842 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1843 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1844 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1845 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1846 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| S.No | Discipline / Group        | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed                            | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|---|---|--|
| 1847 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1848 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1849 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Audio amplifier in information technology equipment Cl.2.1.1.9   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1850 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1851 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1852 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances & General Cl.2.10.3 & 2.10.3.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1853 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances in circuits having starting pulses 2.10.3.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1854 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1855 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances, Creepage distance and distance through insulation Cl.2.10  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1856 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|---|--|
| 1857 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1858 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1859 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1860 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2..1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1861 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Connection to cable distribution system,& General Cl.7.& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1862 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013""IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 1863 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1864 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Contact Gaps Cl.2.8.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1865 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---------------------------|---|--|--|
| 1866 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Cord guards Cl.3.2.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1867 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1868 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Determination of working voltage Cl.2.10.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1869 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1870 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1871 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1872 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|---|--|
| 1873 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Durability Cl.1.7.11   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1874 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric insulation Cl.2.9   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1875 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric Strength test Cl.2.10.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1876 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric Strength test Cl.2.10.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1877 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric Strength Test Cl.2.8.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1878 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1879 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1880 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1881 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1882 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---------------------------|---|---|--|
| 1883 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Fail-safe Cl.2.8.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1884 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Faults Not simulated in 5.3.7 Cl.2.7.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1885 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Functional Earthing Cl.2.6.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1886 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1887 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "General Cl.2.10.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1888 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3,  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1889 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Grade of insulation Cl.2.9.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1890 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1891 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|                               |  |                        |            |
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|------|---------------------------|---|--|--|
| 1892 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Impact Test Cl.4.2.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1893 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Inadvertent reactivation Cl.2.8.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1894 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Input Test Cl.1.6.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1895 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1896 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1897 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1898 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1899 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-6319 **Page No** 177 of 568

**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group        | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used                                |
|------|---------------------------|---|--|---|
| 1900 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3,  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1901 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1902 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Mains Transient Voltages 2.10.3.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1903 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Manual Controls Cl.2.1.1.6  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1904 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1905 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1906 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Material used in high-Voltage Components Cl.4.7.3.6 " |
| 1907 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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| 1908 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013""IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 1909 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1910 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Measurement of transient voltages 2.10.3.9   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1911 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Mechanical actuators Cl.2.8.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1912 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1913 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Moving Parts Cl.2.8.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1914 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1915 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Neutral Conductor Cl.1.6.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1916 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1917 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| 1918 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Over Current and Earth fault protection in primary circuits Cl.2.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1919 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Over Load Test Cl.2.8.7.  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1920 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Overriding Cl.2.8.6   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1921 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1922 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1923 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Pollution Degrees Cl.2.10.1.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1924 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Power interface Cl.1.6  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1925 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2                            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1926 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1927 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1928 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection against mechanical damage Cl.3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1929 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection by several devices Cl.2.7.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1930 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection from electric shock and energy hazards Cl.2.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1931 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection from hazardous Voltages Cl.6.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1932 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection from Hazards Cl. 2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1933 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1934 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1935 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1936 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1937 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 1938 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1939 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of the telecommunication wiring system from overheating Cl.6.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1940 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection Requirements Cl.2.8.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1941 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1942 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protective Earthing. Cl.2.6.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1943 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Provisions for Earthing and Bonding Cl.2.6,   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1944 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1945 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1946 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13,& Cl.1.7.14   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1947 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Resistance to abnormal Heat Cl.4.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1948 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1949 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1950 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1951 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1952 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Separation from Hazardous voltages Cl.2.9.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1953 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1954 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Short-circuit backup protection Cl.2.7.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1955 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Simulation of Faults Cl.5.3.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1956 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Sleeving on wiring Cl.3.1.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1957 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1958 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Steady state test and compliance criteria Cl.6.2.2.2 &cl.6.2.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1959 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1960 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1961 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1962 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1963 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1964 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1965 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8.& Cl.2.10.8.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1966 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Thermal Conditioning Cl.2.10.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|---|--|
| 1967 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1968 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1969 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1970 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1971 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8,                  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1972 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1973 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Voltage limit of hand-held Equipment Cl.1.6.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1974 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1975 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|---|--|
| 1976 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Warning To Service person Cl.2.7.6   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1977 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1978 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1979 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1980 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1981 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1982 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1983 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1984 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Basic Requirements Cl.2.7.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 1985 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1986 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1987 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1988 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1989 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1990 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1991 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1992 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1993 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1994 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Impulse Test Cl.7.4.3   |



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|------|---------------------------|--|--|--|
| 1995 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc                                    | Measurement of transient voltages 2.10.3.9   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1996 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc                                    | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1997 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc                                    | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1998 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1999 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2000 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2001 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2002 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2003 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Abrasion resistance test Cl.2.10.8.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2004 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "AC Power Distribution System Cl.1.6.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2005 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2006 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Adjustable controls, Securing of parts & Connection by the plug and sockets.<br>Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "   | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |
| 2007 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |
| 2008 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |
| 2009 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |
| 2010 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |
| 2011 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |
| 2012 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |
| 2013 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Audio amplifier in information technology equipment Cl.2.1.1.9"  | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |
| 2014 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013<br>A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                      |



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|------|---------------------------|--|---|--|
| 2015 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2016 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2017 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2018 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2019 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2020 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2021 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2022 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2023 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2024 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Connection to a.c. & d.c. mains supply, Cl3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2025 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Connection to cable distribution system,& General Cl.7.& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2026 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2027 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2028 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2029 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2030 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2031 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2032 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2033 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Determination of working voltage Cl.2.10.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2034 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2035 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2036 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2037 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2038 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Durability Cl.1.7.11"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2039 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2040 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2041 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electric Strength Test Cl.2.8.7.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2042 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2043 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2044 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2045 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2046 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2047 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2048 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2049 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2050 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2051 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Grade of insulation Cl.2.9.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2052 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 "              | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2053 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Impact Test Cl.4.2.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2054 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Inadvertent reactivation Cl.2.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2055 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Input Test Cl.1.6.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2056 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Input Test Cl.1.6.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2057 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2058 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2059 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2060 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2061 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2062 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2063 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2064 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Mains Transient Voltages 2.10.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2065 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Manual Controls Cl.2.1.1.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2066 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2067 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2068 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Material used in high-Voltage Components Cl.4.7.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2069 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Materials for air filter assemblies Cl.4.7.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2070 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2071 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2072 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2073 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2074 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2075 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2076 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2077 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2078 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Neutral Conductor Cl.1.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2079 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2080 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2081 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2082 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2083 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Over Load Test Cl.2.8.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2084 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Overriding Cl.2.8.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2085 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2086 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2087 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Power interface Cl.1.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2088 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2089 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2090 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2091 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection against mechanical damage Cl3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2092 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection by several devices Cl.2.7.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2093 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection from electric shock and energy hazards Cl.2.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2094 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection from hazardous Voltages Cl.6.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2095 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection from Hazards Cl. 2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2096 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2097 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2098 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2099 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2100 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2101 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2102 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of the telecommunication wiring system from overheating Cl.6.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2103 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection Requirements Cl.2.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2104 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2105 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2106 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13,& Cl.1.7.14"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2107 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2108 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2109 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2110 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2111 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2112 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2113 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2114 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2115 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2116 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2117 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2118 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|                               |  |                        |            |
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|------|---------------------------|--|---|--|
| 2119 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Stress relief test Cl.4.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2120 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Supply wiring spaces Cl.3.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2121 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Termination of conductors Cl.3.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2122 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2123 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2124 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2125 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2126 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2127 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2128 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2129 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2130 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Unattended Equipment Cl.5.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2131 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Voltage limit of hand-held Equipment Cl.1.6.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2132 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Voltage Surge Test Cl.7.4.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2133 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wall or ceiling mounted equipment Cl.4.2.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2134 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Warning To Service person Cl.2.7.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2135 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "                            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2136 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring terminals for connection of external conductor Cl.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2137 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2138 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3, Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4, Cl.1.7.9, Cl.1.7.10," | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2139 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2140 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2141 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2142 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Basic Requirements Cl.2.7.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2143 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Battery Compartments Cl.2.1.1.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2144 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | D.C. Power supply cords Cl.3.2.5.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2145 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Discharge of capacitors in Equipment Cl.2.1.1.7   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2146 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2147 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2148 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2149 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2150 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2151 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2152 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2153 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2154 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2155 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2156 | ELECTRONICS- IT EQUIPMENT | data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2157 | ELECTRONICS- IT EQUIPMENT | Keyboards  | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|------------------------------|--|--|
| 2158 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2159 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2160 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Abrasion resistance test Cl.2.10.8.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2161 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "AC Power Distribution System Cl.1.6.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2162 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2163 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2164 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2165 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2166 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex B Motor test Under abnormal condition "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2167 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex EE House Hold and Home /Office Document/ Media shredders"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2168 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex X Maximum Heating effect in transformer in transformer test "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2169 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Appliance inlets Cl.3.2.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2170 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Audio amplifier in information technology equipment Cl.2.1.1.9"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2171 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Audio amplifier in information technology equipment Cl.2.1.1.9"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2172 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Audio Amplifier in Information Technology Equipment Cl.5.3.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2173 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Beads and ceramic insulators Cl.3.1.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2174 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances & General Cl.2.10.3 & 2.10.3.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2175 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances in circuits having starting pulses 2.10.3.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2176 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4"             | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2177 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances, Creepage distance and distance through insulation Cl.2.10"                                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2178 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2179 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Component external terminations Cl.2.10.7"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2180 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2181 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Conductor sizes to be connected Cl.3.3.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2182 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Connection to a.c. & d.c. mains supply, Cl 3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2183 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Connection to cable distribution system,& General Cl.7,& Cl.7.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2184 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Connection to telecommunication network Cl.6.0"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2185 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4," | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2186 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Contact Gaps Cl.2.8.7.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2187 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Cord guards Cl.3.2.8"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2188 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 ,"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2189 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2190 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Determination of working voltage Cl.2.10.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2191 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Direct plug-in equipment Cl.4.3.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2192 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2193 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2194 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Drop Test Cl.4.2.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2195 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Durability Cl.1.7.11"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2196 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electric insulation Cl.2.9"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2197 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electric Strength test Cl.2.10.8.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2198 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electric Strength Test Cl.2.8.7.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2199 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2200 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2201 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2202 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electromechanical Components Cl.5.3.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2203 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Enclosed and sealed parts Cl.2.10.12"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2204 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Fail-safe Cl.2.8.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2205 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Faults Not simulated in 5.3.7 Cl.2.7.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2206 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Functional Earthing Cl.2.6.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2207 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Functional Insulation Cl.5.3.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2208 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "General Cl.2.10.2.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2209 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2210 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Grade of insulation Cl.2.9.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2211 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2212 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Impact Test Cl.4.2.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2213 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Inadvertent reactivation Cl.2.8.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2214 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Input Test Cl.1.6.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2215 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Input Test Cl.1.6.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2216 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2217 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components, & Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2218 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Insulation of conductors Cl.3.1.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2219 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2220 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2221 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3,"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2222 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Limited power sources Cl.2.5,"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2223 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Mains Transient Voltages 2.10.3.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2224 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Manual Controls Cl.2.1.1.6"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2225 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2226 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Material for components and other parts inside fire enclosure Cl.4.7.3.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2227 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Material used in high-Voltage Components Cl.4.7.3.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2228 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Materials for air filter assemblies Cl.4.7.3.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2229 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2230 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Materials & General Cl.4.7.3 & Cl.4.7.3.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2231 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Measurement of transient voltages 2.10.3.9"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2232 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Mechanical actuators Cl.2.8.8"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2233 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2234 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Minimum Creepage Distances Cl.2.10.4.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2235 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Moving Parts Cl.2.8.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2236 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Multiple supply connections Cl.3.2.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2237 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2238 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2239 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2,4.6.4.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2240 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Over Current and Earth fault protection in primary circuits Cl.2.7"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2241 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Over Load Test Cl.2.8.7.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2242 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Overriding Cl.2.8.6"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2243 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Permanently connected equipment Cl.3.2.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2244 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Physical Requirements, Stability Cl.4, Cl.4.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2245 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Pollution Degrees Cl.2.10.1.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2246 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Power interface Cl.1.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2247 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2"                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2248 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4"             | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2249 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3"                  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2250 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection against mechanical damage Cl 3.2.7"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2251 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection by several devices Cl.2.7.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2252 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection from electric shock and energy hazards Cl.2.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2253 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection from hazardous Voltages Cl.6.1.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2254 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection from Hazards Cl. 2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2255 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2256 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2257 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2258 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3"                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2259 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2260 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1"           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2261 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of the telecommunication wiring system from overheating Cl.6.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2262 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection Requirements Cl.2.8.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2263 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2264 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protective Earthing. Cl.2.6.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2265 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Provisions for Earthing and Bonding Cl.2.6,"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2266 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2267 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Reducing the risk of ignition and spread of flame Cl.4.7.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2268 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2269 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Resistance to abnormal Heat Cl.4.5.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2270 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2271 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2272 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2273 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2274 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Separation from Hazardous voltages Cl.2.9.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2275 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2276 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Short-circuit backup protection Cl.2.7.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2277 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Simulation of Faults Cl.5.3.7"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2278 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Sleeving on wiring Cl.3.1.10"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2279 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2280 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2281 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Stress relief test Cl.4.2.7"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2282 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Supply wiring spaces Cl.3.2.9"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2283 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Terminals Cl.2.6.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2284 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Termination of conductors Cl.3.1.9"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2285 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2286 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8, & Cl.2.10.8.1"                                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2287 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Thermal Conditioning Cl.2.10.8.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2288 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Thermal conditioning Cl.2.10.9"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2289 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2290 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2291 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2292 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8,"                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2293 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Unattended Equipment Cl.5.3.8"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2294 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Voltage limit of hand-held Equipment Cl.1.6.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2295 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Voltage Surge Test Cl.7.4.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2296 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wall or ceiling mounted equipment Cl.4.2.10"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2297 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Warning To Service person Cl.2.7.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2298 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2299 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring terminals for connection of external conductor Cl.3.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2300 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2301 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3, Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4, Cl.1.7.9, Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2302 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2303 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Adhesives for constructional purposes Cl.4.6.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2304 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Annex DD Requirement for mounting wheels of rack mounted equipment   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2305 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2306 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2307 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2308 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2309 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2310 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2311 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2312 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2313 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2314 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2315 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2316 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2317 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2318 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2319 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Enclosed and sealed parts Cl.2.10.12"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2320 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Data Ports additional equipment Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2321 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2322 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2323 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Abrasion resistance test Cl.2.10.8.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2324 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "AC Power Distribution System Cl.1.6.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2325 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2326 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3, Cl.4.3.4 & Cl.4.3.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2327 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2328 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2329 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex B Motor test Under abnormal condition"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2330 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex EE House Hold and Home /Office Document/ Media shredders"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2331 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex X Maximum Heating effect in transformer in transformer test"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2332 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Appliance inlets Cl.3.2.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2333 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Audio amplifier in information technology equipment Cl.2.1.1.9"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2334 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Audio Amplifier in Information Technology Equipment Cl.5.3.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2335 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Beads and ceramic insulators Cl.3.1.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2336 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Clearances & General Cl.2.10.3 & 2.10.3.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2337 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Clearances in circuits having starting pulses 2.10.3.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2338 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4"                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2339 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Clearances, Creepage distance and distance through insulation Cl.2.10"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2340 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2341 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Component external terminations Cl.2.10.7"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2342 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2343 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Conductor sizes to be connected Cl.3.3.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2344 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Connection to a.c. & d.c. mains supply, Cl3.2, Cl.3.2.1,& Cl.3.2.1.1, Cl.3.2.1.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2345 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Connection to cable distribution system,& General Cl.7,& Cl.7.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2346 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Connection to telecommunication network Cl.6.0"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2347 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4," | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2348 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Contact Gaps Cl.2.8.7.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2349 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Cord anchorages and strain relief Test Cl.3.2.6"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2350 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Cord guards Cl.3.2.8"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2351 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2352 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2353 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Determination of working voltage Cl.2.10.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2354 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Direct plug-in equipment Cl.4.3.6"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2355 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2356 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2357 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Drop Test Cl.4.2.6"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2358 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Durability Cl.1.7.11"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2359 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electric insulation Cl.2.9"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2360 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electric Strength test Cl.2.10.8.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2361 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electric Strength Test Cl.2.8.7.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2362 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2363 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2364 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electromechanical Components Cl.5.3.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2365 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Fail-safe Cl.2.8.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2366 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Faults Not simulated in 5.3.7 Cl.2.7.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2367 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Functional Earthing Cl.2.6.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2368 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Functional Insulation Cl.5.3.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2369 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "General Cl.2.10.2.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2370 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3,"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2371 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11"               | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2372 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Impact Test Cl.4.2.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2373 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Inadvertent reactivation Cl.2.8.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2374 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Input Test Cl.1.6.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2375 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Input Test Cl.1.6.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2376 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2377 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components, & Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2378 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Insulation of conductors Cl.3.1.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2379 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2380 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2381 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3,"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2382 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Limited power sources Cl.2.5,"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2383 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Mains Transient Voltages 2.10.3.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2384 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Manual Controls Cl.2.1.1.6"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2385 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2386 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Material for components and other parts inside fire enclosure Cl.4.7.3.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2387 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Material used in high-Voltage Components Cl.4.7.3.6"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2388 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Materials for air filter assemblies Cl.4.7.3.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2389 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2390 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Materials & General Cl.4.7.3 & Cl.4.7.3.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2391 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Measurement of transient voltages 2.10.3.9"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2392 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Mechanical actuators Cl.2.8.8"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2393 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2394 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Minimum Creepage Distances Cl.2.10.4.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2395 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Moving Parts Cl.2.8.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2396 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Multiple supply connections Cl.3.2.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2397 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Neutral Conductor Cl.1.6.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2398 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2399 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3"                                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2400 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Over Current and Earth fault protection in primary circuits Cl.2.7"                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2401 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Over Load Test Cl.2.8.7.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2402 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Overriding Cl.2.8.6"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2403 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Permanently connected equipment Cl.3.2.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2404 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Physical Requirements, Stability Cl.4, Cl.4.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2405 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Pollution Degrees Cl.2.10.1.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2406 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Power interface Cl.1.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2407 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2"                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2408 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4"             | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2409 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2410 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection against mechanical damage Cl 3.2.7"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2411 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection by several devices Cl.2.7.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2412 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection from electric shock and energy hazards Cl.2.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2413 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection from hazardous Voltages Cl.6.1.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2414 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection from Hazards Cl. 2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2415 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2416 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2417 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2418 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3"                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2419 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2420 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2421 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of the telecommunication wiring system from overheating Cl.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2422 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection Requirements Cl.2.8.2"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2423 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2424 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protective Earthing. Cl.2.6.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2425 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Provisions for Earthing and Bonding Cl.2.6, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2426 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2427 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Reducing the risk of ignition and spread of flame Cl.4.7.1"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2428 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14"                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2429 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Resistance to abnormal Heat Cl.4.5.5"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2430 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2431 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2432 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2433 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2434 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Separation from Hazardous voltages Cl.2.9.4"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2435 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2436 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Short-circuit backup protection Cl.2.7.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2437 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Simulation of Faults Cl.5.3.7"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2438 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Sleeving on wiring Cl.3.1.10"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2439 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2440 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Steady state test and compliance criteria Cl.6.2.2.2 & cl.6.2.2.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2441 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Stress relief test Cl.4.2.7"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2442 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Supply wiring spaces Cl.3.2.9"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2443 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Terminals Cl.2.6.4"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2444 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Termination of conductors Cl.3.1.9"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2445 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2446 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8, & Cl.2.10.8.1" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2447 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Thermal Conditioning Cl.2.10.8.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2448 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Thermal conditioning Cl.2.10.9"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2449 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4"                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2450 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8, Cl.2.10.5.9, & Cl.2.10.5.10" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2451 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2452 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Transformer Cl.5.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2453 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl.2.10.3.7, Cl.2.10.3.8,"                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2454 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Unattended Equipment Cl.5.3.8"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2455 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Voltage limit of hand-held Equipment Cl.1.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2456 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Voltage Surge Test Cl.7.4.2"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2457 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wall or ceiling mounted equipment Cl.4.2.10"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2458 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Warning To Service person Cl.2.7.6"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2459 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2460 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring terminals for connection of external conductor Cl.3.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2461 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2462 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3, Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4, Cl.1.7.9, Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2463 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2464 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Adhesives for constructional purposes Cl.4.6.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2465 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Annex DD Requirement for mounting wheels of rack mounted equipment   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2466 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2467 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2468 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2469 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2470 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2471 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2472 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2473 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Energy hazards d.c.mains supply Cl.2.1.1.8   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2474 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2475 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2476 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Grade of insulation Cl.2.9.3   | IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |



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|------|---------------------------|--|--|--|
| 2477 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem  | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2478 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem  | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2479 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem  | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2480 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem  | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2481 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2482 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2483 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2484 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2485 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Abrasion resistance test Cl.2.10.8.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2486 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "AC Power Distribution System Cl.1.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2487 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2488 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2489 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2490 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2491 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2492 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2493 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2494 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2495 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2496 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2497 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2498 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2499 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2500 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2501 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2502 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2503 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2504 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2505 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2506 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2507 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2508 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2509 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Connection to telecommunication network Cl.6.0 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2510 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface of f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2511 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Contact Gaps Cl.2.8.7.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2512 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Cord anchorages and strain relief Test Cl.3.2.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2513 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Cord guards Cl.3.2.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2514 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2515 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2516 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Determination of working voltage Cl.2.10.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2517 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2518 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2519 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2520 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2521 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2522 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2523 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electric Strength test Cl.2.10.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2524 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electric Strength Test Cl.2.8.7.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2525 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2526 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2527 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2528 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2529 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2530 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2531 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2532 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2533 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2534 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2535 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2536 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2537 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2538 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2539 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2540 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2541 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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## SCOPE OF ACCREDITATION

|                               |  |                        |            |
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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| S.No | Discipline / Group        | Materials or Products tested                                       | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|--|---|--|
| 2542 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2543 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2544 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2545 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components, & Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2546 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Insulation of conductors Cl.3.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2547 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2548 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2549 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| S.No | Discipline / Group        | Materials or Products tested                                       | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|--|--|--|
| 2550 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2551 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2552 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2553 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2554 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2555 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2556 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2557 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2558 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2559 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2560 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2561 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2562 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2563 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2564 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2565 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Neutral Conductor Cl.1.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2566 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2567 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2568 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Over Current and Earth fault protection in primary circuits Cl.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2569 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Over Load Test Cl.2.8.7.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2570 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Overriding Cl.2.8.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2571 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2572 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2573 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2574 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2575 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2576 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2577 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2578 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection against mechanical damage Cl.3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2579 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2580 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2581 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection from hazardous Voltages Cl.6.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2582 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection from Hazards Cl. 2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2583 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2584 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2585 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2586 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2587 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2588 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2589 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2590 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection Requirements Cl.2.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2591 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2592 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protective Earthing. Cl.2.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2593 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2594 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2595 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2596 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2597 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2598 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| S.No | Discipline / Group        | Materials or Products tested                                       | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|--|--|--|
| 2599 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2600 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2601 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2602 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2603 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2604 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2605 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2606 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2607 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2608 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2609 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2610 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2611 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2612 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2613 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2614 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 "                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2615 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Thermal Conditioning Cl.2.10.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2616 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Thermal conditioning Cl.2.10.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2617 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2618 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2619 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2620 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2621 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2622 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2623 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2624 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2625 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2626 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2627 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring terminals for connection of external conductor Cl.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2628 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2629 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3, Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4, Cl.1.7.9, Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2630 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2631 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Adhesives for constructional purposes Cl.4.6.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2632 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Annex DD Requirement for mounting wheels of rack mounted equipment   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2633 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2634 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2635 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 2636 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2637 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2638 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2639 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2640 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2641 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2642 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2643 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2644 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2645 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2646 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 2647 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Number and location of protective device Cl.2.7.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2648 | ELECTRONICS- IT EQUIPMENT | Servers  | Data Ports additional equipments Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2649 | ELECTRONICS- IT EQUIPMENT | Servers  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2650 | ELECTRONICS- IT EQUIPMENT | Servers  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2651 | ELECTRONICS- IT EQUIPMENT | Servers  | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2652 | ELECTRONICS- IT EQUIPMENT | Servers  | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2653 | ELECTRONICS- IT EQUIPMENT | Servers  | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2654 | ELECTRONICS- IT EQUIPMENT | Servers  | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3, Cl.4.3.4 & Cl.4.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2655 | ELECTRONICS- IT EQUIPMENT | Servers  | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2656 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2657 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2658 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2659 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2660 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2661 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2662 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2663 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2664 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2665 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2666 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2667 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2668 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2669 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2670 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2671 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2672 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2673 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2674 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2675 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2676 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2677 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2678 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2679 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2680 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2681 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Determination of working voltage Cl.2.10.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2682 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Direct plug-in equipment Cl.4.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2683 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2684 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2685 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2686 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2687 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2688 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2689 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2690 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2691 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2692 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2693 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2694 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2695 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2696 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2697 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2698 | ELECTRONICS- IT EQUIPMENT | Servers                      | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2699 | ELECTRONICS- IT EQUIPMENT | Servers                      | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2700 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2701 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2702 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2703 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2704 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2705 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2706 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2707 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2708 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2709 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2710 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2711 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2712 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2713 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2714 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2715 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2716 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2717 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2718 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2719 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2720 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2721 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2722 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2723 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Measurement of transient voltages 2.10.3.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2724 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Mechanical actuators Cl.2.8.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2725 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2726 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Minimum Creepage Distances Cl.2.10.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2727 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Moving Parts Cl.2.8.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2728 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2729 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2730 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Openings in enclosures Cl.4.6.1 & Cl.4.6.3"   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2731 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2732 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2733 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Over Load Test Cl.2.8.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2734 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Overriding Cl.2.8.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2735 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2736 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2737 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2738 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2739 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2740 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2741 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection against mechanical damage Cl.3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2742 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2743 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2744 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection from hazardous Voltages Cl.6.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2745 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection from Hazards Cl. 2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2746 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2747 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2748 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2749 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2750 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2751 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2752 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2753 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection Requirements Cl.2.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2754 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2755 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2756 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protective Earthing. Cl.2.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2757 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2758 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2759 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2760 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2761 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2762 | ELECTRONICS- IT EQUIPMENT | Servers                      | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2763 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2764 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2765 | ELECTRONICS- IT EQUIPMENT | Servers                      | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2766 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2767 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2768 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2769 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2770 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2771 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2772 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2773 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2774 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2775 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2776 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2777 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2778 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2779 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2780 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2781 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2782 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2783 | ELECTRONICS- IT EQUIPMENT | Servers                      | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2784 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2785 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2786 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2787 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2788 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2789 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2790 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2791 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2792 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2793 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2794 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2795 | ELECTRONICS- IT EQUIPMENT | Servers                      | Adhesives for constructional purposes Cl.4.6.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2796 | ELECTRONICS- IT EQUIPMENT | Servers                      | Annex DD Requirement for mounting wheels of rack mounted equipment   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2797 | ELECTRONICS- IT EQUIPMENT | Servers                      | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2798 | ELECTRONICS- IT EQUIPMENT | Servers                      | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2799 | ELECTRONICS- IT EQUIPMENT | Servers                      | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2800 | ELECTRONICS- IT EQUIPMENT | Servers                      | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2801 | ELECTRONICS- IT EQUIPMENT | Servers                      | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2802 | ELECTRONICS- IT EQUIPMENT | Servers                      | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2803 | ELECTRONICS- IT EQUIPMENT | Servers                      | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2804 | ELECTRONICS- IT EQUIPMENT | Servers                      | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2805 | ELECTRONICS- IT EQUIPMENT | Servers                      | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 2806 | ELECTRONICS- IT EQUIPMENT        | Servers   | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2807 | ELECTRONICS- IT EQUIPMENT        | Servers   | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2808 | ELECTRONICS- IT EQUIPMENT        | Servers   | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2809 | ELECTRONICS- IT EQUIPMENT        | Servers   | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2810 | ELECTRONICS- IT EQUIPMENT        | Servers   | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2811 | ELECTRONICS- IT EQUIPMENT        | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 2812 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others  | bump Test  | IS 9000 Part 7 Section 2   |
| 2813 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others  | Change of temperature with specified rate of change (Thermal Cyclic Test) Temp: upto -40degree to 250 degree & RH upto 95% | IEC 60068-2-14   |
| 2814 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others  | Corrosion - Salt   | QM 333 Test Number:09  |
| 2815 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others  | Corrosion (ACID)   | JSS 55555 Rev:03 Test Number:07  |
| 2816 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others  | Corrosion (Alkaline)   | JSS 55555 Rev:03 Test Number:08  |



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| 2817 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Corrosion (Salt/Salt Fog)  | JSS 55555 Rev:03 Test Number:09  |
| 2818 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Damp Heat  | JSS 55555 Rev:03 Test Number:10  |
| 2819 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Damp Heat (Steady State)   | QM 333 Test Number:05  |
| 2820 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Damp Heat Cyclic   | IEC 60068-2-30   |
| 2821 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Damp Heat Cyclic   | IS 9000 Part 5 sec 1 and 2   |
| 2822 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Dry Cold (Temp- 0 to -40 degree C)   | IS 9000 part 2 sec 1 to 4  |
| 2823 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Dry Heat (Temp. upto 250 degree)   | IS 9000 Part 3 Section 1 to 5  |
| 2824 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | High Temperature (Dry Heat Cycle)  | QM 333 Test No:02  |
| 2825 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | High Temperature Test  | JSS 55555 Rev:03 Test Number:17  |
| 2826 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | IP Test  | JIS 0203   |
| 2827 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | IP Test  | IEC 60529  |
| 2828 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | IP Test  | ISO 20653  |
| 2829 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | IP Test  | JIS D 5500   |
| 2830 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Low Temperature (Cold Cycle)   | QM 333 Test No:01  |



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| 2831 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Low Temperature Test   | JSS 55555 Rev:03 Test Number:20  |
| 2832 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Moist SO2 Test   | Astm G 87  |
| 2833 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Moist SO2 Test   | ASTMG 85   |
| 2834 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Moist SO2 Test   | ISO 6988   |
| 2835 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Ozone Test   | ISO 1431-1   |
| 2836 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Ozone Test   | JIS K 6259   |
| 2837 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Ozone Test   | ASTM D 1149  |
| 2838 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Rapid change of temperature with prescribed time of transfer (Thermal Shock ) (Temp: 250 degree C to -40 degree C) | IS 9000 (Part 14/Sec II)   |
| 2839 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Rapid Temperature Cycle  | QM 333 Test Number:04  |
| 2840 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Rapid Temperature Cycling (Thermal Shock)  | JSS 55555 Rev:03 Test Number:22  |
| 2841 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Resistance to corrosion test   | ASTM B 117   |
| 2842 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Resistance to corrosion test   | ISO 9227   |
| 2843 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Thermal Shock (Temp: 250 degree C to -40 degree C)   | IEC 60068-2-14   |



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| 2844 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Tropical Exposure (Damp Heat Cycle)  | QM 333 Test Number:03  |
| 2845 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | UV test  | ASTM G 154   |
| 2846 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | UV Test  | ISO 4892-3   |
| 2847 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Vibration  | JSS 55555 Rev:03 Test Number:28  |
| 2848 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Vibration  | QM 333 Test Number:06  |
| 2849 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Vibration Test   | IEC 61373  |
| 2850 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Vibration Test   | IS 9000 Part VIII  |
| 2851 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Vibration Test   | ISO 16750 Part 3   |
| 2852 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Vibration Test   | JASO D 001   |
| 2853 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Vibration Test   | JIS D 1601   |
| 2854 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Vibration Test   | JIS D 5500   |
| 2855 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | weathering   | ASTM D 7869  |
| 2856 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Weathering   | ASTM G 155   |
| 2857 | MECHANICAL-AUTOMOTIVE COMPONENTS | Bonded Rubber Wheels, Component Testing & Others | Weathering   | ISO 4892-2   |



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| 2858 | MECHANICAL-AUTOMOTIVE COMPONENTS         | Bonded Rubber Wheels, Component Testing & Others | Weathering   | SAE J 2527   |
| 2859 | MECHANICAL-AUTOMOTIVE COMPONENTS         | Bonded Rubber Wheels, Component Testing & Others | Weathering   | SES N 3292   |
| 2860 | MECHANICAL-AUTOMOTIVE COMPONENTS         | Bonded Rubber Wheels, Component Testing & Others | Weathering   | SES N 3293   |
| 2861 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile                          | Abrasion resistance of lining, Insole & In sock (Martindal)  | SASO ISO 20344, 20345, 20347   |
| 2862 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric sole                          | Tear Strength  | IS 3400 (Part-17)  |
| 2863 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric material                      | Density  | SATRATMI34   |
| 2864 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric sole                          | Tensile strength of sole   | SATRATMI3  |
| 2865 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Textile                                 | Adhesion of rubber to textile fabric/Consolidation test  | IS3400(Part-5)   |
| 2866 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe   | Upper /Outsole and sole interlayer bond strength   | ENISO17708   |
| 2867 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Abrasion resistance                              | Sportsfoot wear  | IS 15844(" {IS 15298(part-I):2015} Cl.3.8": 2010   |
| 2868 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles                   | Conductive footwear  | IS 5557-2( Cl 8.7.2 (IS 15298-I:2015): 2018  |
| 2869 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                                  | Hardness of outsole  | IS 17037(Cl 4.14.4 (IS 13360-5 :2013): 2018  |
| 2870 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                                  | Height of upper  | IS 17037(CL 4.4 ( IS 15298-I:2015): 2018   |
| 2871 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                                  | Length of laces  | IS 17037(CL 4.16.1: 2018   |
| 2872 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                                  | Tear Strength of collar  | IS 17037(CL 4.II.2 (IS 15298-I:2015): 2018   |
| 2873 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                                  | Tear strength of outsole   | IS 17037(CL 4.14.6 (IS 15298-I:2015): 2018   |
| 2874 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                                  | Tear strength of tongue  | IS 17037(Cl 4.12.2 (IS 15298-I:2015): 2018   |
| 2875 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                                  | Thicknes of outsole  | IS 17037(CL 4.14.2 (IS 15298-I:2015): 2018   |



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| 2876 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Thickness of insock  | IS 17037(CL 4.9.1: 2018  |
| 2877 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Thickness of lining  | IS 17037(CL 4.7.2 (IS 3840:2011): 2018   |
| 2878 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Water Resistance   | IS 17037(CL 4.5.11 (IS 15298-1:2015): 2018   |
| 2879 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | "Breaking strength & Tag retention"  | IS 17037(CL 4.16.2 (IS 1969-1:2009): 2018  |
| 2880 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | "Electric resistance (Antistatic test)"  | IS 17037(CL 4.5.7 & CL 4.5.7.1 (IS 15298-1:2015): 2018   |
| 2881 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | "Water Absorption & water Desorption of insock"  | IS 17037(CL 4.9.3 (IS 15298-1:2015): 2018  |
| 2882 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | "Water Absorption & water Desorption of insole "   | IS 17037(CL 4.8.3 (IS 15298-1:2015): 2018  |
| 2883 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Abrasion resistance of outsole   | IS 17037(Cl 4.14.7(IS 15298-1:2015): 2018  |
| 2884 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Compression resistance of Toe cap  | IS 17037(CL 4.5.6.4 (IS 15298-1:2015): 2018  |
| 2885 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Dimension of penetration insert  | IS 17037(CL 4.5.5.1 (IS 15298-1:2015): 2018  |
| 2886 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Energy absorption of seat region   | IS 17037(CL 4.5.10 (IS 15298-1:2015): 2018   |
| 2887 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Flexing resistance of outsole  | IS 17037(CL 4.14.8(IS 15298-1:2015): 2018  |
| 2888 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Heat insulation of sole complex  | IS 17037(CL 4.5.8 (IS 15298-1:2015): 2018  |
| 2889 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Impact resistance of toe Cap   | IS 17037(CL 4.5.6.3 (IS 15298-1:2015): 2018  |
| 2890 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Interlayer Bond strength   | IS 17037(CL 4.5.3.2 (IS 15298-1:2015): 2018  |
| 2891 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Internal Length of Toe Cap   | IS 17037(CL 4.5.6.2 (IS 15298-1:2015): 2018  |
| 2892 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Material & thickness of insole   | IS 17037(CL 4.8.1: 2018  |
| 2893 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Performance of penetration insert  | IS 17037(CL 4.5.5.3 (IS 15298-1:2015): 2018  |
| 2894 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Stability against ageing & environmental influence   | IS 17037(CL 4.5.5.4 (IS 15298-2:2016): 2018  |



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| 2895 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Thickness of Counter stiffener   | IS 17037 (CI 4.10: 2018  |
| 2896 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Upper/outsole Bond strength  | IS 17037(CL 4.5.3.1 (IS 15298-1:2015): 2018  |
| 2897 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes              | Water vapour permeability  | IS 17037(CI 4.6.3 (IS 15298-1:2015): 2018  |
| 2898 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | breakingloadofupper  | IS3736(CI4.1.1.(IS 1969:Part1:2009&IS 1969:Part2:2018 &IS 1963:2004): 1995                           |
| 2899 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Reinforcement Material   | IS3736(CI4.1.4.(IS 1969:Part1:2009&IS 1969:Part2:2018 &IS 1963:2004): 1995                           |
| 2900 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Breaking loadof Thread forupper closing  | IS3736(CI4.1.5.(IS 1969:Part1:2009&IS 1969:Part2:2018 &IS 1963:2004): 1995                           |
| 2901 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Lining material Breaking load  | IS3736(CI4.1.2.(IS 1969:Part1:2009&IS 1969:Part2:2018 &IS 1963:2004): 1995                           |
| 2902 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Change in hardness after accelerated ageingof rubber components  | IS3736(CI4.1.7.3.(IS 3400:Part4:2012): 1995  |
| 2903 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Density of outsole   | IS 17043(CL4.13.3: 2018  |
| 2904 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Height of upper  | IS 17043(CL4.4.(IS 15298-1:2015):2018  |
| 2905 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Tear strength of tongue  | IS 17043(CL4.11.2 (IS 15298-1:2015): 2018  |
| 2906 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Tear strength ofoutsole  | IS 17043(CL4.13.6 (IS 15298-1:2015): 2018  |
| 2907 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Thickness of outsole   | IS 17043(CL4.13.2 (IS 15298-1:2015): 2018  |
| 2908 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Thickness  | IS 17043(CL4.6.(IS 5677-1986):2018   |
| 2909 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Abrasion resistance of outsole   | IS 17043(CL4.13.7 (IS15298-1:2015): 2018   |



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| 2910 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Breaking strength & Tag retention  | IS 17043(CL4.15.2 (IS 1969-1:2009): 2018   |
| 2911 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Change in hardness after accelerated ageing of outsole   | IS 17043(CL4.13.5 (IS3400-2:2014): 2018  |
| 2912 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Electric resistance (Antistatic test)  | IS 17043(CL4.5.5.I (IS 15298-1:2015): 2018   |
| 2913 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Flexing resistance of outsole  | IS 17043(CL 4.13.8(IS 15298-1:2015):2018   |
| 2914 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Hardness(IRHD) of outsole  | IS 17043(CL4.13.4 (IS3400-2:2014): 2018  |
| 2915 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Interlayer Bond strength   | IS 17043(CL4.5.3.2 (IS 15298-1:2015): 2018   |
| 2916 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Thickness of Toe puff & counter Stiffener  | IS 17043(CL4.10: 2018  |
| 2917 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Water penetration & water absorption of upper  | IS 17043(CL4.6.4(IS 15298-1:2015):2018   |
| 2918 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded rubber boots         | Tensile Requirement After Ageing   | IS 13995("Method- IS 3400(part- 1):2021}Cl.5.I.2" : 1995   |
| 2919 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded rubber boots         | Thickness  | " IS 13995:1995Cl.4.I" : 1994  |
| 2920 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded rubberboots          | "Tear Resistance of Upper"   | IS 13995("Method- IS 3400(part- 12):2022}Cl.5.I.3" : 1994  |
| 2921 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded rubberboots          | Resistance to dry heat Ageing  | IS 13995("Method- IS 3400(part- 4):2012}Cl.5.I.4" : 1995   |
| 2922 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded rubberboots          | Tensile Requirement before Ageing  | IS 13995{Method-IS 3400(part- 1):2021}Cl.5.I.I" : 1995   |
| 2923 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded rubberboots          | "Flexing Resistance of Upper"  | IS 13995:1995{Annex-A}Cl.5.I.5" : 1995   |
| 2924 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Hardness   | IS 12254(CI 5.4 (12240-2:1988)   |
| 2925 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Leg Height   | IS 12254(CL5.II  |
| 2926 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Relative Density   | IS 12254(CI5.5 (12240-2:1988)  |
| 2927 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Tensile Strength   | IS 12254(CL5.8.I- 5.8.5(IS 12240- 6:1988)  |



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| 2928 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Thickness  | IS 12254(CL5.3.I&CL5.3.2)(IS 12240- I:1988)  |
| 2929 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal         | Elongation   | IS 10702("Method IS 3400(part- 1):2021}Cl.No.5.4" : 1992   |
| 2930 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal         | Relative Density   | IS 10702("Annex- B)Cl.No.5.4" : 1995   |
| 2931 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal         | Relative Density   | IS 10702("Method IS 3400(part- 9):2020}Cl.No.5.4" : 1992   |
| 2932 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal         | Stud Diameter  | IS 10702:1992 Cl.No.5.4" : 1992  |
| 2933 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal         | Stud Thickness   | "IS 10702:1992 Cl.No.5.4" : 1992   |
| 2934 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai Chappal         | Tear Strength  | IS 10702("Method IS 3400(part- 12):2022}Cl.No.5.4" : 1992  |
| 2935 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal         | Length   | "IS 10702:1992 Cl.No.5.2":1992   |
| 2936 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper               | Change in hardness after accelerated ageing of rubber components   | IS 11544("CL3.2.1 (IS3400-2:2014 IS 3400-4:2012)" : 1986   |
| 2937 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper               | Colour Fastness of fabric  | IS 11544(CL3.2.4( IS/ISO105-C10: 2006) : 1986  |
| 2938 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper               | Hardness(IRHD) of rubber components  | IS 11544(CL3.2.1)(IS 3400-2:2014) : 1986   |
| 2939 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper               | Thickness of individual components of rubber slipper   | IS 11544(CL3.2.6) : 1986   |
| 2940 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | IS 15298(Part-II) : 2016, (Part-III): 2018 and (Part- IV)  |
| 2941 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Solid PVC soles and heels    | Hardness of pvc sole and heel  | IS6719(CI3.6.I (Appendix-A6) : 1972  |
| 2942 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sports foot wear             | Construction   | " IS 15844:2010Cl.3.3.I" : 2010  |
| 2943 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sports foot wear             | Mass   | " IS 15844:2010Cl.3.2.2": 2010   |
| 2944 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | "Elongation at break"  | IS 15844("IS 1969: Part1:2009&IS 1969:Part2: 2018Cl.3.4" : 2010                                      |



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| 2945 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | "Elongation at break"  | IS 15844("IS 7016(Part-2)2015 Cl.3.4" : 2010   |
| 2946 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Abrasion resistance  | IS 15844("{IS 15298(part-1):2015} Cl.3.5" : 2010   |
| 2947 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Abrasion resistance  | IS 15844("{IS 15298(part-1):2015} Cl.3.7" : 2010   |
| 2948 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Breaking strength  | IS 15844("{IS 1969: Part1:2009&IS 1969:Part2:2018} Cl.3.10" : 2010                                   |
| 2949 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Color Fastness to artificial light   | IS 15844("{LF:4of 6191,IS/ISO105-B02:2014}Cl.3.4" : 2010   |
| 2950 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Corrosion Resistance   | IS 15844("IS 15844:2010{Annex-K}Cl.3.12" : 2010  |
| 2951 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Die-CTearstrength  | IS 15844("{IS 3400(PART-17):1974}Cl.3.7" : 2010  |
| 2952 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Die-CTearstrength  | IS 15844("{IS 3400(PART-17):1974}Cl.3.9" : 2010  |
| 2953 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Elongation at break  | IS 15844("{IS 3400(PART-1):2021} Cl.3.6" : 2010  |
| 2954 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Energy absorption  | IS 15844("{IS 15298(part-1):2015} Cl.3.3.4" : 2010   |
| 2955 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Flex Index   | IS 15844("IS 15844:2010{Annex-P}Cl.3.8" ; 2010   |
| 2956 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Lastometer   | IS 15844("{Method-IS14970:2001} Cl.3.4" : 2010   |
| 2957 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Ross Flexing   | IS 15844("{IS 3400(PART-16):1974}Cl.3.7" : 2010  |
| 2958 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Ross Flexing   | IS 15844("{IS 3400(PART-16):1974}Cl.3.8" : 2010  |
| 2959 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Tear strength  | IS 15844("{IS 15298(part-1):2015} Cl.3.5" : 2010   |
| 2960 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Tear strength  | IS 15844("{IS 15298(Part-1)} Cl.3.4" : 2010  |
| 2961 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Tear strength  | IS 15844("{IS 7016(Part-3)}Cl.3.4" : 2010  |



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| 2962 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear  | Tensile strength   | IS 15844("IS 3400(PART-I):2021} Cl.3.6" : 2010   |
| 2963 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear  | Tensile strength   | IS 15844("IS 3400(PART-I):2021} Cl.3.8" : 2010   |
| 2964 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear  | Tensile strength   | IS 15844("IS 3400(PART-I):2021} Cl.3.9" : 2010   |
| 2965 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear  | Trouser tear strength  | IS 15844("IS 1076 (Part-3)/{Annex - G} Cl.3.8" : 2010  |
| 2966 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear  | "Water Absorption &Water Desorption"   | IS 15844("IS 15298(part-I):2015} Cl.3.8" : 2010  |
| 2967 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear  | Color Fastness to crocking   | IS 15844("IS 15844:2010{LP:10of 6191,}Cl.3.4" : 2010   |
| 2968 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear  | Color Fastness to rubbing  | IS 15844("IS/ISO105 PartX12:2001}Cl.3.4" : 2010  |
| 2969 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear  | Water Vapour Permeability  | IS 15844("IS 15298(part-I):2015} Cl.3.5" : : 2010  |
| 2970 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Coated binding material&Lace"                             | Breaking Load of Lace  | IS 14544   |
| 2971 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Coated binding material&Lace"                             | Breaking Load of Lace  | IS3976   |
| 2972 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Coated binding material&Lace"                             | Tag retention of laces   | IS 14544   |
| 2973 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Footwear for men and women for municipal scavenging work" | ""Water vapour permeability of upper "   | "IS 16994(CI 7.3(IS 15298-1)   |
| 2974 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "High ankle tactical boots with PU Rubber sole"            | ""Water vapour coefficient of lining ""  | IS 17012(CL 4.7.5 (IS 15298-I)   |
| 2975 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "High ankle tactical boots with PU Rubber sole"            | ""Water vapour coefficient of upper ""   | "IS 17012(CI 4.6.2(IS 15298-1)   |
| 2976 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "High ankle tactical boots with PU Rubber sole"            | Tag retention of laces   | IS 17012 (CI 4.16.2 (IS 1969-1:2009))  |
| 2977 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile"                          | ""Water vapour permeability of lining "  | BS EN ISO 20344,20345  |
| 2978 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile"                          | ""Water vapour permeability of lining "  | BS EN ISO20346:  |
| 2979 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile"                          | ""Water vapour permeability of lining "  | BS EN ISO20347:  |



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| 2980 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of lining "  | BSEN 15090:  |
| 2981 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of lining "  | EN 13515 ,IS3976   |
| 2982 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of lining "  | IS15298(Part- 2)   |
| 2983 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of lining "  | IS15298(Part- 3)(Part-4):  |
| 2984 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of lining "  | IS15298(Part1):  |
| 2985 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of lining "  | SASO ISO 20344,20345, 20347: 20  |
| 2986 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of lining "  | SASO ISO 20346:  |
| 2987 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | BS EN ISO 20344,20345  |
| 2988 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | BS EN ISO20347:  |
| 2989 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | BSEN 15090   |
| 2990 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | EN 13515 ,IS3976   |
| 2991 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | IS15298(Part- 2):  |
| 2992 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | IS15298(Part- 3) (Part-4)  |
| 2993 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | IS15298(Part1):  |
| 2994 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | ISO14268 ,IS5914   |
| 2995 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | SASO ISO 20344,20345, 20347  |
| 2996 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | ""Water vapour permeability of upper "   | SASO ISO 20346:  |
| 2997 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | Water vapour permeability of lining "  | ISO 14268, IS 5914   |
| 2998 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | "Leather, Coated fabric &textile" | Water vapour permeability of upper   | BS EN ISO 20344 , 20345  |



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| 2999 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Tensile strength   | IS 5557-2( CI 7.5.1 (IS 15298-1:2015): 2018  |
| 3000 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Cleat height   | IS 5557-2(CI 7.6.I): 2018  |
| 3001 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Hardness(IRHD  | IS 5557-2(cI 7.4.I (IS 3400-2 :2014): 2018   |
| 3002 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Abrasion resistance  | IS 1557-2(CI 7.1.2 , CI 7.6.3 & CI 7.7.2 (IS 15298-1:2015): 2018                                     |
| 3003 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Antistatic Footwear  | IS 5557-2( CI 8.7.1 (IS 15298-1:2015): 2018  |
| 3004 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Height of Upper  | IS 5557-2( CI 8.3 (IS 15298-1:25015): 2018   |
| 3005 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Resistance to fuel oil   | IS 5557-2( CI 8.6 (IS 15298-1:2015): 2018  |
| 3006 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Tear strength  | IS 5557-2( CI 7.1.I, CI 7.6.2(IS 15298-1:2015): 2018   |
| 3007 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Thickness  | IS 5557-2( CI 7.5.2 CI 7.7.I((IS 15298-1:2015): 2018   |
| 3008 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Width  | IS 1557-2(CI 7.2.1 (IS 1954:1990): 2018  |
| 3009 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | "Change in hardness after accelerated ageing"  | IS 5557-2(CI 7.4.I (IS 3400-4:2012): 2018  |
| 3010 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | "Flexing resistance(Rubber/poly  | IS 5557-2(CI 7.5.3 & m CI 7.6.4 (IS 15298- er" 1:2015): 2018   |
| 3011 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Adhesion To sole   | IS 5557-2( CI 8.4 ( IS 3400-5:2020): 2018  |
| 3012 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Breaking Load  | IS 5557-2(CI 7.2.2 annex-B): 2018  |
| 3013 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Cold Insulation  | IS 5557-2(CI 8.7.4 (IS 15298-1:2015): 2018   |
| 3014 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Design   | IS 5557-2(cI 5): 2018  |
| 3015 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | hot Insulating footwear  | IS 5557-2(CI 8.7.3 (IS 15298-1:2015): 2018   |
| 3016 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Inter Layer Bond Strength  | IS 5557-2(CI 7.6.5 ( IS 15298-1:2015): 2018  |



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| 3017 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Leak proof footwear  | IS 5557-2(CI 8.2 (IS 15298-1:2015): 2018   |
| 3018 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Resistance to acid and alkali  | IS 5557-2( CI 8.5 ( IS 5915:1970): 2018  |
| 3019 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Resistance to hot contact  | IS 5557-2(CI 8.1 (IS 15298-1:2015): 2018   |
| 3020 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | All rubber boots, Rubber soles | Sweing thread for piping and binding   | IS 5557-2(cI 7.3.I (IS 9543:2015): 2018  |
| 3021 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | ""Water vapour permeability of lining "  | "IS 17037(CL4.7.5 (IS15298-1 2015):"   |
| 3022 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | "Change in hardness after accelerated ageing"  | IS 17037(CL 4.14.5 (IS 3400-2:2014): 2018  |
| 3023 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Co- efficient of upper   | IS 17037(CI 4.6.3 (IS 15298-1)   |
| 3024 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Water vapour coefficient of lining   | IS 17037(CL4.7.5 (IS15298-1 2015)  |
| 3025 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | "Resistance to fuel oil of outsole "   | IS 17037(CL 4.14.10 (IS 15298-1:2015): 2018  |
| 3026 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | "Resistance to hot contact of outsole "  | IS 17037(CI 4.14.9(IS 15298-1:2015): 2018  |
| 3027 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Abrasion resistance of insock  | IS 17037(CI 4.9.2(IS 15298-1:2015): 2018   |
| 3028 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Abrasion resistance of insole  | IS 17037(CL 4.8.2 (IS 15298-1:2015): 2018  |
| 3029 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Abrasion resistance of lining  | IS 17037(CL 4.7.4 (IS 15298-1:2015): 2018  |
| 3030 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Breakinf of thread   | IS 17037 (CI 4.13 (IS 4910): 2018  |
| 3031 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Cold Insulation of sole complex  | IS 17037(CL 4.5.9 (IS 15298-1:2015): 2018  |
| 3032 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Collar material  | IS 17037(CI 4.11.1: 2018   |
| 3033 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Construction   | IS 17037(CL 4.5.1: 2018  |
| 3034 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Density of outsole   | IS 17037(CI 4.14.3 (IS 6664-Annex A): 2018   |
| 3035 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes                | Design of shoe   | IS 17037(CI 4.2 (IS 15298-2:2016): 2018  |



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| 3036 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | D-Rings & Hooks  | IS 17037(CL 4.15: 2018   |
| 3037 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | General of toe cap   | IS 17037(CL 4.5.6.1: 2018  |
| 3038 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Material of insock   | IS 17037(CI 4.9: 2018  |
| 3039 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Material of lining   | IS 17037(CL 4.7.1: 2018  |
| 3040 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Material of outsole  | IS 17037(CL 4.14.1: 2018   |
| 3041 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Material of upper  | IS 17037(CL 4.6.1: 2018  |
| 3042 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Material& Thickness of tongue  | IS 17037(CI 4.12.1: 2018   |
| 3043 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Penetration resistant inserts  | IS 17037(CI 4.5.5: 2018  |
| 3044 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Size of shoe   | IS 17037, CI 4.3.1: 2018   |
| 3045 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Slip Resistance Test   | IS 17037(CI 4.5.4 (IS 15298-1:2015): 2018  |
| 3046 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Specific ergonomic features  | IS 17037(CL 4.5.2 (IS 15298-1:2015): 2018  |
| 3047 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Tear strength of lining  | IS 17037(CL 4.7.3 (IS 15298-1:2015): 2018  |
| 3048 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Tear strength of upper   | IS 17037(CI 4.6.2 (IS 15298-1:2015): 2018  |
| 3049 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Thickness  | IS 17037(CL 4.6.I : 2018   |
| 3050 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoes   | Weight of shoe   | IS 17037(CL 4.3.2: 2018  |
| 3051 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Anti riot shoesv  | Water penetration & water absorption of upper  | IS 17037(CI 4.6.4 (IS 15298-1:2015): 2018  |
| 3052 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Area Shrinkage of insoleleather safety foot wear with direct moulded polyvinyl chloride | Area Shrinkage of insole   | IS 14544(CL 5.2.2 (IS 5867:1970)   |
| 3053 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole   | Elongation of rubber components  | IS3736(CI4.I.7.3(IS3400:PartI:2 02I): 1995   |
| 3054 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole   | Adhesion test  | IS7376(CI4.8(IS 3400:Part5:2020): 1995   |



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| 3055 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Consolidation test   | IS 3736("CI 4.7 (IS 3400:Part5:2020)": 1995  |
| 3056 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Construction   | IS3736(CI4.4.lto 4.4.2(IS7329:1974): 1995  |
| 3057 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Flexing resistance   | IS3736(CI4.1.7.3(IS 3400:Part16:1974): 1995  |
| 3058 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Leg height of boot   | IS3736(CI4.3):1995   |
| 3059 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Mass   | IS3736(CI4.6):1995   |
| 3060 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | "C.F To mechanical washing of upper"   | IS3736(CI4.1.1.2 (IS/ISO105-C10: 2006):1995  |
| 3061 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | "Colorfastnesstolight ofupper"   | IS3736(CI4.1.2 (IS/ISO105-B01: 2014):1995  |
| 3062 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Ageing of rubber components  | IS3736(CI4.1.7.4(IS 3400:Part1:2021): 1995   |
| 3063 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Breaking load of binding material  | IS3736(CI4.1.3(IS 1969:Part1:2009&IS 1969:Part2: 2018):1995  |
| 3064 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | C.F To mechanical washingof thread for upper closing   | IS 3736(CI 4.1.5.2 (IS/ISO 105-C10 : 2006): 1995   |
| 3065 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Color fastness to light of Binding Material  | IS 3736(CI 4.1.3.1(IS/ISO105-B01:2014):1995  |
| 3066 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Color fastness to light of Thread for upper closing  | IS3736(CL4.1.5.2 (IS/ISO105-B01: 2014):1995  |
| 3067 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Color fastness to perspiration of thread for upper closing   | IS3736(CL4.1.5.2 (IS/ISO105-B01: 2014):1995  |
| 3068 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Color fastness to perspiration of thread for upper closing   | IS3736(CI4.1.5.2 (IS/ISO105E04: 2008):1995   |
| 3069 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Compression set of rubber components   | IS3736("CI4.1.7.3(IS 3400:Part10:Sec I&2:2020)":1995   |
| 3070 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Density of rubber components   | IS3736(CI4.1.7.3(IS 3400:Part9:2020): 1995   |
| 3071 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Design of boot   | IS3736(CI4.2.1): 1995  |
| 3072 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Hardness(IRHD) of rubber components  | IS3736(CI4.1.7.3(IS 3400:Part2:2014): 1995   |



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| 3073 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Tensile Strength of rubber components  | IS3736(CI4.I.7.3(IS 3400:PartI:2021): I995   |
| 3074 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Thickness of rubber component  | IS3736(CI4.I.7.5): I995  |
| 3075 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas boots, rubber sole    | Width of Binding material  | IS3736(CI4.I.3 (1954:I990):I995  |
| 3076 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Construction   | IS3735   |
| 3077 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Eyelets  | IS3735   |
| 3078 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Mass   | IS3735   |
| 3079 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Thickness of component   | IS3735   |
| 3080 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Compression set  | IS3400pt.I0Sec I&2   |
| 3081 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Density  | IS3400pt.9   |
| 3082 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Flexing resistance   | IS3400pt.I6 : 2014   |
| 3083 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Hardness(IRHD)   | IS3400pt.2 : 2014  |
| 3084 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | "Change in hardness after accelerated ageing"  | IS3400pt.4   |
| 3085 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Adhesion test  | IS 3400 pt5  |
| 3086 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | C.F To mechanical washing  | IS/ISOI05-CI0  |
| 3087 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Color fastness to light  | IS/ISOI05B02   |
| 3088 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Color fastness to perspiration   | IS/ISOI05E04   |
| 3089 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Consolidation test   | IS 3400 pt5  |
| 3090 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Tensile &Elongation  | IS3400pt.I   |
| 3091 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Canvas shoe, Rubber sole     | Thread for upper closing   | IS 1670 : 1991   |



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| 3092 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated binding material & Foxing | Width of binding & foxing  | IS3976   |
| 3093 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile          | Abrasion resistance of lining, Insole & In sock (Martindal)  | BS EN ISO 20346  |
| 3094 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile          | Abrasion resistance of lining, Insole & In sock (Martindal)  | BSENI5090  |
| 3095 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile          | Abrasion resistance of lining, Insole & In sock (Martindal)  | IS 14544   |
| 3096 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile          | Abrasion resistance of lining, Insole & In sock (Martindal)  | IS:15298(Part-2)   |
| 3097 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile          | Abrasion resistance of lining, Insole & In sock (Martindal)  | IS:15298(Part-3): 2019, (Part-4)   |
| 3098 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile          | Abrasion resistance of lining, Insole & In sock (Martindal)  | IS15298(Part-1)  |
| 3099 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile          | Abrasion resistance of lining, Insole & In sock (Martindal)  | SASO ISO 20346   |
| 3100 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Coated fabric & textile          | Abrasion resistance of lining, Insole & In sock (Martindal)  | SATRATM3, EN 13520; 2001, IS3976   |
| 3101 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Cotton, Polyester & Nylon Lace   | Length of Lace   | IS3976:2018  |
| 3102 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                      | ""Water vapour permeability of lining ""   | IS 17043(CL4.7.4(IS 15298-1))  |
| 3103 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                      | ""Water vapour permeability of upper ""  | IS 17043(CL4.6.3(IS 15298-1))  |
| 3104 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                      | ""Water vapour coefficient of lining ""  | IS 17043(CL4.7.4(IS 15298-1))  |
| 3105 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby Shoes                      | Breaking Load of Lace  | IS 17043(CL4.15.I)   |
| 3106 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                      | Design   | IS17043  |
| 3107 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby Shoes                      | Tag retention of laces   | IS 17043(CL 4.15.I)  |
| 3108 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                      | Tear strength of upper   | IS17043  |
| 3109 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                      | Water vapour coefficient of upper  | IS 17043(CL 4.6.3(IS 15298-1))   |
| 3110 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                      | Water vapour permeability of lining  | IS 17043(CL 4.7.4(IS 15298-1):2015)  |



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| 3111 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Abrasion resistance of insock  | IS 17043(CL4.9.3)(IS 15298-I:2015):2018  |
| 3112 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Abrasion resistance of insole  | IS 17043(CL4.8.2)(IS 15298-I:2015):2018  |
| 3113 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Abrasion resistance of lining  | IS 17043(CL4.7.3)(IS 15298-I:2015):2018  |
| 3114 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Cold Insulation  | IS1 7043(CI4.5.7)(IS 15298-I:2015):2018  |
| 3115 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Construction   | IS 17043(CL4.5.I): 2018  |
| 3116 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Energy absorption of seat region   | IS 17043(CL4.5.8)(IS 15298-I:2015):2018  |
| 3117 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Eyelet pullout strength  | IS 17043(CL4.14 (Annex-C):2018   |
| 3118 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Heat insulation  | IS 17043(CL4.5.6)(IS 15298-I:2015):2018  |
| 3119 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Length of lace   | IS 17043(CL4.15.I: 2018  |
| 3120 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Material &thickness of insock  | IS 17043(CL4.9.I): 2018  |
| 3121 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Material &thickness of insole  | IS 17043(CL4.8.I): 2018  |
| 3122 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Material &thickness of lining  | IS 17043(CL4.7.I)(IS 3840:2011):2018   |
| 3123 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Material &thickness of tongue  | IS 17043(CL4.11.1: 2018  |
| 3124 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Material of outsole  | IS 17043(CL4.13.I: 2018  |
| 3125 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Size of shoe   | IS 17043(CI4.3.I)(IS 1638:1969):2018   |
| 3126 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Slip Resistance Test   | IS 17043(CL4.5.4)(IS 15298-I:2015):2018  |
| 3127 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Specific ergonomic features  | IS 17043(CL4.5.2)(IS 15298-I:2015):2018  |
| 3128 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Thread breaking  | IS 17043(CL4.12)(IS 4910-3:1989):2018  |
| 3129 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes                  | Upper/outsole Bond strength  | IS 17043(CL4.5.3.I (IS 15298-I:2015): 2018   |



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| 3130 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes  | Water absorption & desorption of insole  | IS 17043(CL4.8.3)(IS 15298-I:2015):2018  |
| 3131 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes  | Water absorption & desorption of insock  | IS 17043(CL4.9.2)(IS 15298-I:2015):2018  |
| 3132 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Derby shoes  | Weight of shoe   | IS 17043(CL4.3.2: 2018   |
| 3133 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear   | Tear strength of lining  | IS 17043(CL 4.7.2)(IS 15298-I:2015):2018   |
| 3134 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Design   | IS 16994(CL5):2018   |
| 3135 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Hydrolysis   | IS 16994(CI7.9)(IS 15298-I:2015):2018  |
| 3136 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Insocks  | IS16994(CI7.8:2018   |
| 3137 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Abrasion Resistance of outsole/Heel  | IS 16994(CI7.7.2)(IS 15298-I:2015):2018  |
| 3138 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Ageing Test of Whole Footwear  | IS 16994(CL7.10: 2018)   |
| 3139 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Flexing Resistance of Outsole/Heel   | IS 16994(CL7.7.3)(IS 15298-I:2015):2018  |
| 3140 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Interlayer Bond Strength   | IS 16994(CI7.7.4)(IS 15298-I:2015):2018  |
| 3141 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Tear Strength of Outsole   | IS 16994(CL7.7.1)(IS 15298-I:2015):2018  |
| 3142 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Upper/Outsole Bond Strength  | IS 16994(CL7.7.5)(IS 15298-I:2015):2018  |
| 3143 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Tear strength of lining  | IS16994  |
| 3144 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Density of outsole heel  | IS 16994(CI7.7:2018  |
| 3145 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Hydrolysis   | IS 16994(CL7.3.1)(IS 15298-I:2015):2018  |
| 3146 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Tear strength  | IS 19664(CL7.3.1)(IS 15298-I:2015):2018  |
| 3147 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Thickness of insole & insock   | IS 16994(CL7.5)(IS 15298-I:2015):2018  |
| 3148 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavenging work | Thickness  | IS 16994(CL7.3.1)(IS 15298-I:2015):2018  |



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| 3149 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Abrasion resistance of insole & insock (martindale)  | IS 16994(CL7.5(IS 15298-I:2015):2018   |
| 3150 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Abrasion Resistance of insole & insock (Veslic)  | IS 16994(CL7.5(IS 15298-I:2015):2018   |
| 3151 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Abrasion resistance of lining  | IS 16994(CI7.4(IS 15298-I:2015):2018   |
| 3152 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Change in hardness after accelerated ageing of outsole heel  | IS 16994(CI7.7(IS 3400-4:2012):2018  |
| 3153 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Compression resistance of protective toe cap   | IS 16994(CL7.I(IS 15298-3:2018):2018   |
| 3154 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Flexing resistance of rubber / polymer   | IS 16994(CL7.3.2: 2018   |
| 3155 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Hardness(IRHD) of outsole heel   | IS 16994(CI7.7:2018  |
| 3156 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Impact resistance of protective toe cap  | IS 16994(CL7.I(IS 15298-3:2018):2018   |
| 3157 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Water Absorption of insole & insock  | IS 16994(CL7.5(IS 15298-I:2015):2018   |
| 3158 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Water Desorption of insole & insock  | Water Desorption IS 16994(CL7.5(IS 15298-I:2015):2018 of insole & insock                             |
| 3159 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Footwear for men and women for municipal scavengingwork | Thickness of outsole heel  | IS 16994(CI7.7:2018  |
| 3160 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole           | Hardness of outsole  | IS 17012(CL4.14.6 (IS 3400-5:2020): 2018   |
| 3161 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole           | "thickness of toe puff & countersti ffer"  | IS 17012(CL4.8:2018  |
| 3162 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole           | High ankle tactical boots with PU-Rubber sole  | IS 17012(CL4.7.2 (IS 3840:2011)  |
| 3163 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole           | Ageing test of outsole   | IS 17012(CL4.14.7 (IS 3400-4:2012): 2018   |
| 3164 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole           | Cold Insulation  | IS 17012(CL4.5.7 (IS 15298-I:2015):2018  |
| 3165 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole           | Construction   | IS 17012(CL4.5.I: 2018   |
| 3166 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole           | Density of outsole   | IS 17012(CL4.14.3 (IS 3400-9:2020): 2018   |



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| 3167 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Design   | IS 17012(CL4.2 (IS 15298-4:2017): 2018   |
| 3168 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | D-Ring & Hooks   | IS 17012(CL4.15: 2018  |
| 3169 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Flexural endurance   | IS 17012(CI4.6.1.3 (IS5677:1986):2018  |
| 3170 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Heat insulation  | IS 17012(CL4.5.6(IS 15298-I:2015):2018   |
| 3171 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Heat resistance  | IS 17012(CI4.6.1.3 (IS5677:1986):2018  |
| 3172 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Height of upper  | IS 17012(CL4.4(IS 15298-I:2015)CL4.4 (IS 15298-I:2015): 2018   |
| 3173 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | jug loop thickness   | IS 17012(CL4.6.1.2: 2018   |
| 3174 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Length of laces  | IS 17012(CL4.16.I: 2018  |
| 3175 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Lining material  | IS 17012(CL4.7.I: 2018   |
| 3176 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Material of outsole  | IS 17012(CL4.14.I: 2018  |
| 3177 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Size   | IS 17012(CL4.3.I (IS 1638:1969):2018   |
| 3178 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Slip Resistance Test   | IS 17012(CL4.5.4(IS 15298-I:2015):2018   |
| 3179 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Stitch tear strength   | IS 17012(CI4.6.1.3 (IS5677:1986):2018  |
| 3180 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | tear strength of collar  | IS 17012(CL4.11.2 (IS 15298-I:2015): 2018  |
| 3181 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | tear strength of lining  | IS 17012(CL4.7.3(IS 15298-I:2015):2018   |
| 3182 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Tear strength of tongue  | IS 17012(CL4.12.2: 2018  |
| 3183 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Tear strength of upper   | IS 17012(CI4.6.2(IS 15298-I:2015):2018   |
| 3184 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Tear strength of outsole   | IS 17012(CL4.14.4 (IS 15298-I:2015): 2018  |



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| 3185 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Tensile & elongation   | IS 17012(CL4.6.1.3 (IS5677:1986):2018  |
| 3186 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Thickness o insole   | IS 17012(CL4.9.1): 2018  |
| 3187 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Thickness of lining  | IS 17012(CL4.7.2(IS 3840:2011):2018  |
| 3188 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Thickness of outsole   | IS 17012(CL4.14.2 (IS 15298-1:2015): 2018  |
| 3189 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Thickness of upper   | IS 17012(CL4.6.1.3 (IS5677:1986):2018  |
| 3190 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Thread breaking  | IS 17012(CL4.13: 2018  |
| 3191 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Tongue tear resistance   | IS 17012(CL4.6.1.3 (IS5677:1986):2018  |
| 3192 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Weight   | IS 17012(CL4.3.2: 2018   |
| 3193 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | ""Water vapour permeability of lining "  | IS 17012(CL4.7.5 (IS 15298-1)  |
| 3194 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | ""Water vapour permeability of upper "   | "IS17012(Cl 4.6.3(IS 15298-1:)   |
| 3195 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | "Resistance to heat contact of outsole "   | IS 17012(CL4.14.9 (15298-1:2015):2018  |
| 3196 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | "Water absorption and desorption of insock "   | IS 17012(CL4.10.3 (IS 15298-1:2015): 2018  |
| 3197 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | "Water absorption and desorption of insock "   | IS 17012(CL4.10.3 (IS 15298-1:2015): 2018  |
| 3198 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | "Water absorption and desorption of insole "   | IS 17012(CL4.9.3 (IS 15298-1:2015): 2018   |
| 3199 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Abrasion resistance of insock  | IS 17012(CL4.10.2 (IS 15298-1:2015): 2018  |
| 3200 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Abrasion resistance of insole  | IS 17012(CL4.9.2 (IS 15298-1:2015):2018  |
| 3201 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Abrasion resistance of lining  | IS 17012(CL4.7.4 (IS 15298-1:2015): 2018   |
| 3202 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Abrasion resistance of outsole   | IS 17012(CL4.14.5 (IS 15298-1:2015): 2018  |
| 3203 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole | Breaking strength of lace  | IS 17012(Cl4.16.2 (IS 1969-1:2009): 2018   |



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| 3204 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Electric resistance (Antistatic test)  | IS 17012(CL4.5.5(IS 15298-I:2015):2018   |
| 3205 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Energy absorption of seat region   | IS 17012(CL4.5.8(IS 15298-I:2015):2018   |
| 3206 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Interlayer bond strength   | IS 17012 (CL4.5.3.2 (IS 15298-I:2015): 2018  |
| 3207 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Material & Thickness of insock   | IS 17012(CL4.10.I): 2018   |
| 3208 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Specific ergonomic features  | IS 17012(CL4.5.2(IS 15298-I:2015):2018   |
| 3209 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Stitch tear strength of lining   | IS 17012(CL4.7.2(IS 3840:2011):2018  |
| 3210 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Tensile & elongation of lining   | IS 17012(CL4.7.2(IS 3840:2011):2018  |
| 3211 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Thickness & GSM of Tongue  | IS 17012(CL4.12.I: 2018  |
| 3212 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Thickness of vamp and quarter  | IS 17012 (CL4.6.I.I: 2018  |
| 3213 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Thickness & density of collar  | IS 17012(CL4.II.I: 2018  |
| 3214 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Tongue tear resistance of lining   | IS 17012(CL4.7.2 (IS 3840:2011):2018   |
| 3215 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Upper/outsole Bond strength  | IS 17012(CL4.5.3.I (IS 15298-I:2015): 2018   |
| 3216 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Water penetration & water absorption   | IS 17012(CL4.6.2(IS 15298-I:2015):2018   |
| 3217 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | High ankle tactical boots with PU-Rubber sole         | Water vapour permeability of lining  | IS 17012(CL4.7.2 (IS3840:2011):2018  |
| 3218 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | "Change in hardness after accelerated ageing"  | IS5557(CI5.I.4.I( IS3400-2:2014): 2004   |
| 3219 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Breaking Strength of Insole  | IS 5557(CI5.I.4.2(IS 1969:Part1:2009&IS 1969:Part2:2018 ): 2004                                      |
| 3220 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Breaking Strength of Reinforcing Fabric  | IS 5557(CI5.I.4.2(IS 1969:Part1:2009&IS 1969:Part2:2018 ): 2004                                      |
| 3221 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Breaking Strength of Upper   | IS5557(CI5.I.4.2(IS 1969:Part1:2009&IS 1969:Part2:2018 ): 2004                                       |



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| 3222 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Consolidation test   | IS5557(CI5.1.7.5 (IS3400-5:2020): 2004   |
| 3223 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Construction   | IS5557(CI5.1.6.I&5.1.6..2:2004   |
| 3224 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Flexing Of Outsole   | IS5557(CI5.1.7.3 (Annex B): 2004   |
| 3225 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Flexing Of upper   | IS5557(CI5.1.7.3 (Annex B): 2004   |
| 3226 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Hardness(IRHD)   | IS5557(CI5.1.4.I( IS3400-2:2014)): 2004  |
| 3227 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Heat Treatment   | IS5557(CI5.1.7.I( IS 3400-4:2012):2004   |
| 3228 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Height of the boots  | IS5557(CI5.1.7.7): 2004  |
| 3229 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Performance Test   | IS5557(CI5.1.7.6( Annex C ): 2004  |
| 3230 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Protective steel toe cap   | IS5557(CI5.1.4.3( IS5852:2004):2004  |
| 3231 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Relative Density   | IS 5557( IS 3400- 9:2020): 2004  |
| 3232 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Resistance to oil  | IS5557(CI5.1.7.8( Annex E): 2004   |
| 3233 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | "Change in tensile strength and elongation after accelerated ageing"                                       | IS5557(CI5.1.4.I( IS3400-I:2021): 2004   |
| 3234 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | "Tensile strength and elongation at break"   | IS5557(CI5.1.4.I( IS3400-I:2021): 2004   |
| 3235 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Industrial and protective rubber knee and ankle boots | Leakage Resistance Test  | IS5557(CI5.1.7.4): 2004  |
| 3236 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather   | Water penetration & water absorption   | BS EN ISO 20344 : 2021, 20345  |
| 3237 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather   | Water penetration & water absorption   | BS EN ISO 20346  |
| 3238 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather   | Water penetration & water absorption   | BS EN ISO 20347  |
| 3239 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather   | Water penetration & water absorption   | BSEN15090  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-6319  | <b>Page No</b>         | 298 of 568 |
| <b>Validity</b>               | 13/01/2023 to 12/01/2025   | <b>Last Amended on</b> | 27/09/2023 |

| S.No | Discipline / Group                       | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 3240 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather  | Water penetration & water absorption   | IS15298(Part-2) : 2016 (Part-3) : 2018(Part-4)   |
| 3241 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather  | Water penetration & water absorption   | SASO ISO 20346   |
| 3242 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather  | Water penetration & water absorption   | IS 15298(Part-1)   |
| 3243 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather  | Water penetration & water absorption   | SASO ISO 20344,20345,20347   |
| 3244 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Adhesion test  | IS 11226(CL5.4.15: 1993  |
| 3245 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Design   | IS 11226(CL5.2.II.I: 1993  |
| 3246 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Length of threads  | IS 11226(CL5.2.5(IS 1720:1978):1993  |
| 3247 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety foot wear with direct moulded polyvinyl chloride        | " Performance of steel toe cap"  | IS 14544(CI 5.2.10 (IS 5852:2004): 1998  |
| 3248 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety foot wear with direct moulded polyvinyl chloride        | Colour fastness to perspiration of lining  | IS 14544(CI 5.2.4 (IS 3840:1996)   |
| 3249 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinyl chloride         | Stitch tear strength Double hole of insole   | IS 14544(CL5.2.4(IS 3840:1996):1998  |
| 3250 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Hardness of sole   | CI5.2.II(IS3400- 2:2014):1993  |
| 3251 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Stitch tear strength of upper  | IA11226(CI5.2.I(is 5677:1986):1993   |
| 3252 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Abrasion resistance of lining  | IS 11226(CL5.2.4(IS 3840:1996):1993  |
| 3253 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Area Shrinkage of insole   | IS 11226(CL5.2.2(IS 5867:1970):1993  |
| 3254 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Breaking strength of threads   | IS 11226(CL5.2.5(IS 1720:1978):1993  |
| 3255 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Color fastness to Light of threads   | IS 11226(CL5.2.5(IS 1720:1978):1993  |
| 3256 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Color fastness to Perspiration of threads  | IS 11226(CL5.2.5(IS 1720:1978):1993  |
| 3257 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Color fastness to Washing of threads   | IS 11226(CL5.2.5(IS 1720:1978):1993  |
| 3258 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Colour fastness to finished leather of lining  | IS 11226(CI5.2.4(IS 3840:1996):1993  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 3259 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Colour fastness to perspiration of lining  | IS 11226(CI5.2.4(IS 3840:1996):1993  |
| 3260 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Construction of threads  | IS 11226(CL5.2.5(IS 1720:1978):1993 IS 11226(CL5.2.5(IS 1720:1978):1993                              |
| 3261 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Construction   | IS 11226(CI5.4.1: 1993   |
| 3262 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Count of yarn of threads   | IS 11226(CL5.2.5(IS 1720:1978):1993  |
| 3263 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Crack resistance of insole   | IS 11226(CL5.2.2(IS 5867:1970):1993  |
| 3264 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Density of insole  | IS 11226(CL5.2.2(IS 5867:1970):1993  |
| 3265 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Dimension of cotton newar  | IS 11226(CI5.2.7(IS 1895:1982):1993  |
| 3266 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Dimension of Eyelets   | IS 11226(CI 5.2.6.3 (IS 5041:1978):1993  |
| 3267 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Distansion & strength of grain of upper  | IS 11226(CI 5.2.1(IS 5677:1986):1993   |
| 3268 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Exposure to heat on sole   | IS 11226(CL5.2.11.3: 1993  |
| 3269 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Flexing endurance of insole  | IS 11226(CL 5.2.2(IS 5867:1970):1993   |
| 3270 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Flexing resistance of oil resistant sole   | IS 11226(CL 5.2.11.2(IS 3400-16:1974):1993   |
| 3271 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Flexing resistance of sole   | IS 1993(CI5.2.11(IS 3400-16:1974):1993   |
| 3272 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Flexural endurance (Bally) of upper  | IS 11226(CI 5.2.1(IS 5677:1986):1993   |
| 3273 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Heat resistance of upper   | IS 11226 (CI 5.2.1 (IS 5677:1986):1993   |
| 3274 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Lasting tacks  | IS 11226(CL 5.2.6.1: 1993  |
| 3275 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Linear shrinkage of insole   | IS 11226(CL 5.2.2(IS 5867:1970):1993   |
| 3276 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Relative density of oil resistant sole   | IS 11226 (CL 5.2.11.2(IS 3400-9:2020):1993   |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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| 3277 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Relative density of sole   | IS 11226 (CI 5.2.11 (IS 3400-9:2020):1993  |
| 3278 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Shanks   | IS 11226 (CI 5.2.6.2 (IS 10945:1984):1993  |
| 3279 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Tensile strength of sole   | IS 11226(CI 5.2.11 (IS 3400-1:2021):1993   |
| 3280 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of components  | IS11226(CL 5.3): 1993  |
| 3281 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Direct moulded rubber sole  | IS 11226(CL 5.4.10: 1993   |
| 3282 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Full sock   | IS 11226(CL 5.4.8: 1993  |
| 3283 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of lining  | IS 11226(CI 5.2.4(IS 3840:1996):1993   |
| 3284 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of n sole  | IS 11226(CL 5.4.9: 1993  |
| 3285 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Quarter lining  | IS 11226(CL5.4.7: 1993   |
| 3286 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Quarter   | IS 11226(CL 5.4.4: 1993  |
| 3287 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Tongue  | IS 11226 (CL5.4.5: 1993  |
| 3288 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of upper   | IS 11226(CI 5.2.1(IS 5677:1986):1993   |
| 3289 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Vamp Lining   | IS 11226(CL5.4.6: 1993   |
| 3290 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Vamp  | IS 11226(CL5.4.2: 1993   |
| 3291 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Toe compound   | IS 11226(CI 5.2.8: 1993  |
| 3292 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Tongue tear resistance of lining   | IS 11226(CI 5.2.4(IS 3840:1996):1993   |
| 3293 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Tongue tear strength of upper  | IS 11226(CI 5.2.1)(IS 5677:1986):1993  |
| 3294 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Water vapour permibility of lining   | IS 11226(CI 5.2.4(IS 3840:1996):1993   |
| 3295 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Colour fastness to rubbing crocking of upper   | IS 11226(CI 5.2.1)(IS 5677:1986):1993  |



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| 3296 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Hardness of oil resistant sole   | IS 11226 (CL 5.2.11.2 (IS 3400-2:2014):1993  |
| 3297 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Height   | IS 11226(CL 5.4.12: 1993   |
| 3298 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Length of lace   | IS 11226(CI 5.2.9(IS 4778:1982):1993   |
| 3299 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Stitch tear strength(Double hole) of insole  | IS 11226(CL 5.2.2(IS 5867:1970):1993   |
| 3300 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Stitch tear strength(Double hole) of lining  | IS 11226(CI 5.2.4(IS 3840:1996):1993   |
| 3301 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Tensile strength & Elongation at break of insole   | IS 11226(CL 5.2.2(IS 5867:1970):1993   |
| 3302 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Tensile strength& Elongation of oil resistant sole   | IS 11226(CL 5.2.11.2(IS 3400-1:2021):1993  |
| 3303 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Heel filer  | IS 11226(CL 5.4.11: 1993   |
| 3304 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Thickness of Toecaps outside counter and jug loop  | IS 11226(CL 5.4.3: 1993  |
| 3305 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Volume change of oil resistant sole  | IS 11226("CL 5.2.11.2(IS 3400-4:2012&IS 3400- 2:2014)  |
| 3306 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwear having direct molded rubber sole specification | Water absorption ,percent by weight of insole  | IS 11226(CL5.2.2(IS 5867:1970):1993  |
| 3307 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinyl Chloride         | Abrasion resistance of lining  | IS 14544(CI 5.2.4(IS 3840:1996):1998   |
| 3308 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride          | Adhesion test  | IS 14544(CI 5.7:1998   |
| 3309 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride          | Construction for thread  | IS 14544(CL5.2.5(IS 1720:1978):1998  |
| 3310 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride          | Hardness   | IS 14544(CI 5.2.II.3 (IS 13292:1993):1998  |
| 3311 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride          | Height   | IS 14544(CI 5.4.8.2: 1998  |
| 3312 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride          | Length of thread   | IS 14544(CL5.2.5(IS 1720:1978):1998  |
| 3313 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride          | Mass   | IS 14544(CI 5.2.11.3 (IS 13292:1993):1998  |
| 3314 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride          | Shank  | IS 14544(CI 5.2.6.2 (IS 10945:1984):1998   |



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| 3315 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | "Tensile strength at break of upper"   | IS 14544(CI 5.2.1)(IS 5677:1986):1998  |
| 3316 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Breaking strength of thread  | IS 14544(CL5.2.5)(IS 1720:1978):1998   |
| 3317 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Change in initial hardness of sole and heel  | IS 14544(CI 5.2.II.1 (IS 12240-2:1988): 1998   |
| 3318 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Color fastness to Light of thread  | IS 14544(CL5.2.5)(IS 1720:1978):1998   |
| 3319 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Color fastness to Perspiration of thread   | IS 14544(CL5.2.5)(IS 1720:1978):1998   |
| 3320 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Color fastness to Washing of thread  | IS 14544(CL5.2.5)(IS 1720:1978):1998   |
| 3321 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Colour fastness to finished leather of lining  | IS 14544(CI 5.2.4)(IS 3840:1996):1998  |
| 3322 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Colour fastness to rubbing crocking of upper   | IS 14544(CI 5.2.1)(IS 5677:1986):1998  |
| 3323 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Count of yarn for thread   | IS 14544(CL5.2.5)(IS 1720:1978):1998   |
| 3324 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Elongation at break of sole and heel   | IS 14544(CI 5.2.II.1 (IS 12240-6:1988): 1998   |
| 3325 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Flexing endurance of insole  | IS 14544(CL 5.2.2)(IS 5867:1970):1998  |
| 3326 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Flexing resistance of sole and heel  | IS 14544(CI 5.2.II.1 (IS 12240-7:1988): 1998   |
| 3327 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Flexural endurance (Bally) of upper  | IS 14544(CI 5.2.1)(IS 5677:1986):1998  |
| 3328 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Hardness of sole and heel  | IS 14544(CI 5.2.11.1 (IS 12240-2:1988): 1998   |
| 3329 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Heat resistance of upper   | IS 14544(CI 5.2.1)(IS 5677:1986):1998  |
| 3330 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | leather safety footwear with direct moulded polyvinylchloride  | IS 14544(CI 5.2.6.3 (IS 5041:1978):1998  |
| 3331 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Relative density of sole and heel  | IS 14544(CI 5.2.II.1 (IS 12240-3:1988): 1998   |
| 3332 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride | Stitch tear strength Double hole of insole   | IS 14544(CL 5.2.2)(IS 5867:1970):1998  |



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| 3333 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride        | Stitch tear strength of upper  | IS 14544(CI 5.2.1(IS 5677:1986)):1998  |
| 3334 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride        | Tensile strength & Elongation at break of insole   | IS 14544(CL 5.2.2(IS 5867:1970)):1998  |
| 3335 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride        | Tongue tear resistance of lining   | IS 14544(CI 5.2.4(IS 3840:1996)):1998  |
| 3336 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride        | Tongue tear strength of upper  | Tongue tear IS 14544(CI 5.2.1(IS 5677:1986)):1998 strength of upper                                  |
| 3337 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride        | Volume change of sole and heel   | IS 14544(CI 5.2.11.2 (IS13038:1993)):1998  |
| 3338 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride        | Water absorption ,percent by weight of insole  | IS 14544(CL 5.2.2(IS 5867:1970)):1998  |
| 3339 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leather safety footwear with direct moulded polyvinylchloride        | Water vapour permibility of lining   | IS 14544 (CI 5.2.4(IS 3840))   |
| 3340 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwearhavingdirect molded rubber sole specification | "Performance test ofSteel toe cap"   | IS 11226(CI 5.2.10 (IS 5852:2004)):1993  |
| 3341 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwearhavingdirect molded rubber sole specification | Change in initial hardness of sole   | IS 1993("CI 5.2.11(IS 3400-4:2012&IS 3400-2:2014)":1993  |
| 3342 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwearhavingdirect molded rubber sole specification | Mass   | IS 11226(CL 5.4.13: 1993   |
| 3343 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwearhavingdirect molded rubber sole specification | Performance test   | IS 11226(CL 5.4.14: 1993   |
| 3344 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwearhavingdirect molded rubber sole specification | Tensile strength of lining   | IS 11226(CI 5.2.4(IS 3840:1996)):1993  |
| 3345 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather safety footwearhavingdirect molded rubber sole specification | Tensile strength &Elongationatbreakof upper  | IS 11226(CI 5.2.1(IS 5677:1986)):1993  |
| 3346 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile                                      | Tear Strength  | BS EN ISO 20344, 20345   |
| 3347 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile                                      | Tear Strength  | BS EN ISO 20346  |
| 3348 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile                                      | Tear Strength  | BS EN ISO 20347  |
| 3349 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile                                      | Tear Strength  | BSENI5090  |
| 3350 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile                                      | Tear Strength  | IS3976   |



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| 3351 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile | Tear Strength  | IS5914,SATRATMI62,ISI5844  |
| 3352 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile | Tear Strength  | ISI5298(Part-2)  |
| 3353 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile | Tear Strength  | ISI5298(Part-3) (Part-4)   |
| 3354 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile | Tear Strength  | ISI5298(Part-1)  |
| 3355 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile | Tear Strength  | SASO ISO 20344,20345,20347   |
| 3356 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile | Tear Strength  | SASO ISO 20346   |
| 3357 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coated fabric &textile | Water Vapour Coefficient   | ISI4544  |
| 3358 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Coatedfabric &textile  | Bally flexing  | SATRATM55:   |
| 3359 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Lace &Stiffener        | Material identification  | ISI4544  |
| 3360 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile strength   | SASO ISO 20346   |
| 3361 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile strength   | BS EN ISO 20344 : 2021,20345:  |
| 3362 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile Strength   | BS EN ISO 20347:   |
| 3363 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile Strength   | BS EN ISO:20346:   |
| 3364 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile Strength   | BSENI5090:   |
| 3365 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile Strength   | IS:15298(Part-2)   |
| 3366 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile Strength   | ISI5298(Part-3) : 2019 (Part-4):   |
| 3367 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile Strength   | ISI5298(Part-1):   |
| 3368 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile Strength   | SASO ISO 20344,20345, 20347  |
| 3369 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Leather, Rubber &Polymeric      | Tensile Strength   | SATRA TM 43, IS 15844  |



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|------|--|--|--|--|
| 3370 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear with direct moulded polyvinyl chloride | Exposure to heat for heel and sole   | IS 14544(CI 5.2.11.4: 1998   |
| 3371 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Density of insole  | IS 14544 (CL5.2.2(IS 5867:1970)):1998  |
| 3372 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Lasting tacks  | IS 14544(CI 5.2.6.l: 1998  |
| 3373 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Length of lace   | IS 14544(CI 5.2.9(IS 4778:1982)):1998  |
| 3374 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Mass   | IS 14544(CI 5.5:1998   |
| 3375 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Performance test   | IS 14544(CI 5.6:1998   |
| 3376 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Thickness of an upper  | IS 14544(CI 5.2.1(IS 5677:1986)):1986  |
| 3377 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Thickness of lining  | IS 14544(CI 5.2.4(IS 3840:1996)):1998  |
| 3378 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Toe compound   | IS 14544(CI 5.2.8: 1998  |
| 3379 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Crack resistance of insole   | IS 14544(CL 5.2.2(IS 5867:1970)):1998  |
| 3380 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Dimension of cotton newar  | IS 14544(CI 5.2.7(IS 1895:1982)):1998  |
| 3381 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Distansion&strength of grainofuppermaterial  | IS 14544(CI 5.2.l (IS 5677:1986)):1998   |
| 3382 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Linear shrinkage of insole   | IS 14544(CL 5.2.2(IS 5867:1970)):1998  |
| 3383 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Tensile strength of lining   | IS 14544(CI 5.2.4(IS 3840:1996)):1998  |
| 3384 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Tensile strength of sole and heel  | IS 14544(CI 5.2.11.1 (IS 12240-6:1988)): 1998  |
| 3385 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Tensile strength&Elongation  | IS 14544(CI 5.2.11.3 (IS 13292:1993)):1998   |
| 3386 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | leathersafetyfootwear withdirectmoulded polyvinylchloride    | Thickness of components  | IS 14544(CI 5.3:1998   |
| 3387 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Eyelet   | "Dia & Thickness of Eyelet "   | IS17012(CI 4.6.3(IS 15298-1)   |
| 3388 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap  | Corrosion resistance   | BS EN ISO 20346:   |



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| 3389 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap                 | Corrosion resistance   | BS EN ISO 20347:   |
| 3390 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap                 | Corrosion resistance   | BS EN ISO:20344 : 20345  |
| 3391 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap                 | Corrosion resistance   | BS EN I2568:   |
| 3392 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap                 | Corrosion resistance   | BSENI5090:   |
| 3393 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap                 | Corrosion resistance   | IS 15298(Part- I)  |
| 3394 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap                 | Corrosion resistance   | IS 15298(Part-II) : (Part-III) and (Part- IV)  |
| 3395 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap                 | Corrosion resistance   | SASO ISO20346:   |
| 3396 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metal Toe cap                 | Corrosion resistance   | SASOISO20344,20345,2034:   |
| 3397 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Dimensional conformity   | BS EN ISO 20344,20345  |
| 3398 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Dimensional conformity   | BS EN ISO 20346  |
| 3399 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Dimensional conformity   | BS EN ISO 20347  |
| 3400 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Dimensional conformity   | BSENI5090  |
| 3401 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Dimensional Conformity   | ISI5298(Part-2) (Part-3)(Part-4)   |
| 3402 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Dimensional conformity   | ISI5298(Part-I)  |
| 3403 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Dimensional conformity   | SASO ISO 20344,20345,20347   |
| 3404 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Dimensional conformity   | SASO ISO 20346   |
| 3405 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Flex resistance of penetration resistant inserts   | BS EN ISO 20344,20345  |
| 3406 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Flex resistance of penetration resistant inserts   | BS EN ISO 20346  |
| 3407 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic &Non Metallic insert | Flex resistance of penetration resistant inserts   | BS EN ISO 20347  |



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|------|--|--------------------------------|--|--|
| 3408 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic & Non Metallic insert | Flex resistance of penetration resistant inserts   | BSENI2568  |
| 3409 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic & Non Metallic insert | Flex resistance of penetration resistant inserts   | BSENI5090  |
| 3410 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic & Non Metallic insert | Flex resistance of penetration resistant inserts   | ISI5298(Part-2) (Part-3)(Part-4)   |
| 3411 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic & Non Metallic insert | Flex resistance of penetration resistant inserts   | ISI5298(Part-I)  |
| 3412 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic & Non Metallic insert | Flex resistance of penetration resistant inserts   | SASO ISO 20344,20345,20347   |
| 3413 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic & Non Metallic insert | Flex resistance of penetration resistant inserts   | SASO ISO 20346   |
| 3414 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance "  | BS EN ISO 20347:   |
| 3415 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance "  | BS EN ISO:20344 : 20345:   |
| 3416 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance "  | BSENI5090:   |
| 3417 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance "  | IS 15298(Part- I):   |
| 3418 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance"   | BS EN ISO 20346  |
| 3419 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance"   | BS EN I2568  |
| 3420 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance"   | BS EN I2568:   |
| 3421 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance"   | IS 15298 (Part-II) (Part-III) and (Part- IV)   |
| 3422 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance"   | SASO ISO20346:   |
| 3423 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Metallic inserts               | "Penetration resistance"   | SASOISO20344,20345,2034  |
| 3424 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded rubberboots            | "Design"   | IS 13995("IS 13995:1995{Design Of the boots Shall be conforming to 5.1.1 of IS 5557:1995}Cl.5.1.6": 1995 |



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|------|--|---|--|--|
| 3425 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded rubberboots                           | Size   | IS 13995("IS 13995:1995 {Size Of the boots Shall be conforming to 5.1.2 of IS 5557:1995}Cl. 5.1.7"   |
| 3426 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Change in hardness after acceleratedageing   | IS5676("Cl.No.5.7 Method IS 3400- (Part-4):2012&Method IS 3400- (Part-2):2014"                       |
| 3427 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Compression Set  | IS 5676("Cl.No.5.7 Method IS 3400- (Part-10):1977"   |
| 3428 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Depth & Width  | "IS 5676 Cl.No.5.6":   |
| 3429 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Elongation at break  | IS5676("Cl.No.5.7 Method IS 3400- (Part-1):2021"   |
| 3430 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Hardness(IRHD)   | IS5676("Cl.No.5.7 Method IS 3400- (Part-2):2014":1995  |
| 3431 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Tensile strength   | IS5676("Cl.No.5.7 Method IS 3400- (Part-1):2021"   |
| 3432 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Relative Density   | IS 5676("Cl.No.5.7 Method IS 3400(Part- 9):2020"   |
| 3433 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | "Change in Elongation after accelerated ageing"  | IS5676("Cl.No.5.7 Method IS 3400- (Part-1):2021"   |
| 3434 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | "Flexing Resistance Cut Growth at the end of 15000cycles"  | IS 5676("Cl.No.5.7 Method IS 3400- (Part-16):1974"   |
| 3435 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Change in tensile strength after accelerated ageing  | IS5676("Cl.No.5.7 Method IS 3400- (Part-1):2021":  |
| 3436 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Construction   | "IS5676Cl.No.5.3&5.3.1"  |
| 3437 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Design   | "IS 5676 Cl.No.5.2": 1995  |
| 3438 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Moulded solid rubber and heels                | Thickness  | "IS 5676 Cl.No.5.5"  |
| 3439 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Municipal scavenging work technical shoes     | Type   | IS 16994 (CL 4.1): 2018  |
| 3440 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | "Slip Resistance Test"   | IS 15298-3 ("IS 15298:Part1: 2016(5.3.5)"  |
| 3441 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Antistatic test  | IS 15298-2("IS 15298:Part1: 2016(6.2.2.2)"   |
| 3442 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Antistatic test  | IS 15298-3("IS 15298:Part1: 2016(6.2.2.2)"   |



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| 3443 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Antistatic test  | IS 15298-4("IS 15298:Part1: 2016(6.2.2.2)");   |
| 3444 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Conductive footwear  | IS 15298-2("IS 15298:Part1: 2016(6.2.2.1)");   |
| 3445 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Conductive footwear  | IS 15298-3("IS 15298:Part1: 2016(6.2.2.1)");   |
| 3446 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Conductive footwear  | IS 15298-4("IS 15298:Part1: 2016(6.2.2.1)");   |
| 3447 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Cut Resistance   | IS 15298-2("IS 15298:Part1: 2016(6.2.8.3)");   |
| 3448 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Cut Resistance   | IS 15298-3("IS 15298:Part1: 2016(6.2.8.3)");   |
| 3449 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Insulating footwear  | IS 15298-3("EN 50321 (6.2.2.3)");  |
| 3450 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Cut Resistance   | IS 15298-4("IS 15298:Part1: 2016(6.2.7.3)");   |
| 3451 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Insulating footwear  | IS 15298-4("EN 50321 (6.2.2.3)");  |
| 3452 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Personal protective equipment safety footwear | Insulating footwear  | IS 15298-2("EN 50321(6.2.2.3)");   |
| 3453 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | BS EN ISO 20344,20345  |
| 3454 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | BS EN ISO 20346  |
| 3455 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | BS EN ISO:20347  |
| 3456 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | BSEN15090  |
| 3457 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | IS3400(Part-I6)  |
| 3458 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | IS3976   |
| 3459 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | IS15298(Part-2) (Part-3)(Part-4)   |
| 3460 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | IS15298(Part-I)  |
| 3461 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material                    | Ross Flexing After Hydrolysis  | SASO ISO 20344,20345,20347:  |



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|------|--|------------------------------|--|--|
| 3462 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material   | Ross Flexing After Hydrolysis  | SASO ISO 20346   |
| 3463 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material   | Ross Flexing After Hydrolysis  | SATRATM60  |
| 3464 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane sole material   | Ross Flexing After Hydrolysis  | IS3400(Part-I6)  |
| 3465 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane upper &sole     | Hydrolysis   | BS EN ISO 20344,20345  |
| 3466 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane upper &sole     | Hydrolysis   | BS EN ISO 20346  |
| 3467 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane upper &sole     | Hydrolysis   | BS EN ISO 20347  |
| 3468 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane upper &sole     | Hydrolysis   | BSENI5090  |
| 3469 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane upper &sole     | Hydrolysis   | IS15298(Part-II), (Part-III) and (Part- IV):   |
| 3470 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane upper &sole     | Hydrolysis   | SASO ISO 20344,20345,20347   |
| 3471 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane upper &sole     | Hydrolysis   | SASO ISO 20346   |
| 3472 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Polyurethane upper &sole     | Hydrolysis   | SATRA TM 344   |
| 3473 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Cold flex temperature  | IS 12254(CL 5.13 (Annex-C)   |
| 3474 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Leakage Resistance   | IS 12254(CL 5.12-CL 5.12.1   |
| 3475 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Performance  | IS 12254 (CL 5.15 (Annex-D))   |
| 3476 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Resistance to cut Growth   | IS 122544(CL 5.9(IS 12240-7:1988)  |
| 3477 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Resistance to flexing for upper  | IS12254(Resistance to flexing for upper  |
| 3478 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Shape and design   | IS 12254 (CL 5.1.1)  |
| 3479 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Industrial boots         | Soling Pattern   | IS 12254 (CI 5.2)  |
| 3480 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC sandal                   | Tear Strength  | IS672I   |



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| 3481 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC sandal                   | Tensile Strength   | IS672I   |
| 3482 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC sandal                   | Thickness  | IS672I   |
| 3483 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC sandal                   | Hardness(IRHD)   | IS672I   |
| 3484 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC sandle                   | Density  | IS672I   |
| 3485 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | PVC Sole                     | Colour of out sole   | ISI4544  |
| 3486 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubbe rHawai chappal         | Shrinkage Test@.&at 100Â°C   | IS 10702("(Annex- G)Cl. No. 5.4"   |
| 3487 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Po1ymeric so1e      | Tear Strength  | /SATRA TM 218& ISO-34 (Part-1)   |
| 3488 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Po1ymeric so1e      | Tear Strength  | BS EN ISO 20344, 20345   |
| 3489 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Po1ymeric so1e      | Tear Strength  | BS EN ISO 20347  |
| 3490 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Po1ymeric so1e      | Tear Strength  | IS 14544   |
| 3491 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Po1ymeric so1e      | Tear Strength  | IS 15298 (Part-2) : 2016,(Part-3) : 2019(Part-4))  |
| 3492 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Po1ymeric so1e      | Tear Strength  | IS 3976  |
| 3493 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric            | Resistance to fuel oil   | BS EN ISO 20344, 20345   |
| 3494 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric            | Resistance to fuel oil   | BS EN ISO 20346:   |
| 3495 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric            | Resistance to fuel oil   | BS EN ISO 20347  |
| 3496 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric            | Resistance to fuel oil   | ENI5090:   |
| 3497 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric            | Resistance to fuel oil   | IS3976   |
| 3498 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric            | Resistance to fuel oil   | ISI4544  |
| 3499 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric            | Resistance to fuel oil   | ISI5298(Part-2) (Part-3)(Part-4)   |



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|------|--|------------------------------|--|--|
| 3500 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to fuel oil   | ISI5298(Part-I):   |
| 3501 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to fuel oil   | ISO1817  |
| 3502 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to fuel oil   | SASO ISO 20344,20345,20347   |
| 3503 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to fuel oil   | SASO ISO 20346:  |
| 3504 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | BS EN ISO 20344, 20345   |
| 3505 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | BS EN ISO 20346  |
| 3506 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | BS EN ISO 20347  |
| 3507 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | BSENI5090  |
| 3508 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | IS3976   |
| 3509 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | ISI4544  |
| 3510 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | ISI5298(Part-2) (Part-3)(Part-4)   |
| 3511 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | ISI5298(Part-I)  |
| 3512 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | SASO ISO 20346   |
| 3513 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric           | Resistance to hot contact  | SASO ISO 20344,20345,20347   |
| 3514 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric material  | Hardness   | SATRA TM 205   |
| 3515 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric sole      | Abrasion resistance  | BSENI5090  |
| 3516 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric sole      | Abrasion resistance  | BS EN ISO 20344, 20345   |
| 3517 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric sole      | Abrasion resistance  | BS EN ISO 20347  |
| 3518 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber & Polymeric sole      | Abrasion resistance  | ENISO12270   |



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|------|--|------------------------------|--|--|
| 3519 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | IS3976   |
| 3520 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | ISI4544  |
| 3521 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | ISI5298(Part-2) (Part-3)(Part-4)   |
| 3522 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | ISI5298(Part-1)  |
| 3523 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | ISI5844  |
| 3524 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | SASO ISO 20344,20345,20347   |
| 3525 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | ISI4544  |
| 3526 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | BS EN ISO 20344, 20345   |
| 3527 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | BS EN ISO 20346  |
| 3528 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | BS EN ISO 20347  |
| 3529 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | BSEN15090  |
| 3530 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | IS3976   |
| 3531 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | ISI4544  |
| 3532 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | ISI5298(Part-2) (Part-3)(Part-4)   |
| 3533 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | ISI5298(Part-1)  |
| 3534 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | SASO ISO 20344,20345,20347   |
| 3535 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | SASO ISO 20346   |
| 3536 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Tear Strength  | BS EN ISO 20346  |



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|------|--|------------------------------|--|--|
| 3537 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Tear Strength  | ISI5298(Part-1)  |
| 3538 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | IS3400(Part-3)   |
| 3539 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | ISO4649  |
| 3540 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Abrasion resistance  | SATRATMI74   |
| 3541 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated out sole/Non cleated outsole                              | ISI5298(Part-1)  |
| 3542 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | BS EN ISO 20344 : 2021, 20345  |
| 3543 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | BS EN ISO:20346  |
| 3544 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | BS EN ISO:20347  |
| 3545 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | BSENI5090  |
| 3546 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | IS:15298(Part-3) : 2018 (Part-4)   |
| 3547 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | IS3976   |
| 3548 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | ISI5298(Part-2)  |
| 3549 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | SASO ISO 20344,20345,20347   |
| 3550 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Design/Cleated Area/Height/ Thickness of cleated outsole/Non cleated outsole                               | SASO ISO 20346   |
| 3551 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | ENI7707  |



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|------|--|------------------------------|--|--|
| 3552 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Flexing Resistance of out sole   | SATRATMI6I   |
| 3553 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Hardness (IRHD)  | IS3400(Part-2)   |
| 3554 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric sole       | Tear Strength  | SASO ISO 20344,20345,20347   |
| 3555 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of Upper   | BS EN ISO 20344,20345  |
| 3556 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of Upper   | BS EN ISO 20346  |
| 3557 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of upper   | BS EN ISO 20347  |
| 3558 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of Upper   | BSENI5090  |
| 3559 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of Upper   | IS 3400 (Part-7) (Part-8)  |
| 3560 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of upper   | ISI5298(Part-2)  |
| 3561 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of Upper   | ISI5298(Part-3) (Part-4)   |
| 3562 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing Of Upper   | ISI5298(Part-1)  |
| 3563 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of Upper   | SASO ISO 20344, 20345,20347  |
| 3564 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of upper   | SASO ISO 20346   |
| 3565 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Flexing of Upper   | SATRA TM 25, IS 3976   |
| 3566 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Thickness  | BS EN ISO 20344, 20345   |
| 3567 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric upper      | Thickness  | BS EN ISO 20347  |
| 3568 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Thickness  | BS EN ISO:20346:   |
| 3569 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Thickness  | BSENI5090  |
| 3570 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper      | Thickness  | IS5914   |



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|------|--|---|--|--|
| 3571 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper                         | Thickness  | IS15298(Part-2)  |
| 3572 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper                         | Thickness  | IS15298(Part-3)and (Part-4)  |
| 3573 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper                         | Thickness  | IS15298(Part-1)  |
| 3574 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper                         | Thickness  | SASO ISO 20344,20345,20347   |
| 3575 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper                         | Thickness  | SASO ISO 20346   |
| 3576 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Polymeric Upper                         | Thickness  | SATRATMI   |
| 3577 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber &Textile                                 | Adhesion of rubber to textile fabric/Consolidation test  | IS3976   |
| 3578 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal                            | Change in hardness   | IS 10702("Method IS 3400 (part-2):2014 & Method IS 3400 (part- 2):2014} Cl. No. 5.4"                 |
| 3579 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal                            | Hardness   | IS 10702 ("Method IS 3400 (part- 2):2014} Cl. No. 5.4"   |
| 3580 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal                            | Tensile Strength   | IS 10702("Method IS 3400(part- 1):2021}Cl. No. 5.4".   |
| 3581 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal                            | Thickness  | "IS 10702:1992 Cl. No. 5.3"  |
| 3582 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal                            | Hardness(Shore-A)  | IS 10702 ("Annex- C) Cl. No. 5.4"  |
| 3583 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal                            | Material   | "IS 10702:1992 Cl. No. 5.1"  |
| 3584 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Hawai chappal                            | Split tear strength  | IS 10702 ("Annex- E) Cl. No. 5.4"  |
| 3585 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber material                                 | Accelerated Ageing   | IS3976   |
| 3586 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber material                                 | Accelerated Ageing   | IS3400(Part-4)   |
| 3587 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels | Material Finish Color/De   | signIS6664   |
| 3588 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels | Size/Thickness   | IS6664   |



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| 3589 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels  | Compression Set  | IS6664(AnnexureD)  |
| 3590 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels  | Flexing Resistance   | IS3400(Part-I6)  |
| 3591 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels  | Water absorption   | IS6664(Annexure)H  |
| 3592 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels  | Hardness(Shore-A)  | IS 6664(Annexure B)  |
| 3593 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels  | Relative Density   | IS6664(AnnexureA)  |
| 3594 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels  | Change in hardness after accelerated ageing  | IS 6664(Annexure C):   |
| 3595 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels  | Heat Shrinkage At 100±1°C  | IS 6664(Annexure G)  |
| 3596 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles and heels  | Shrinkage at room temperature  | IS 6664(Annexure F)  |
| 3597 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber microcellular sheets for soles wand heels | Split tear strength  | IS 6664(Annexure E)  |
| 3598 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Adhesive   | IS 11544 (CL 3.2.3)  |
| 3599 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Bottom Filling Materials   | IS 11544 (CL 3.2.2)  |
| 3600 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Ends/dmof fabric   | IS 11544 (CL 3.2.4 (IS 1963:2004))   |
| 3601 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Flexural Endurance of rubber components  | IS 11544 (CL 3.2.1 (Appendix B)  |
| 3602 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Lasting  | IS 11544 (CL 3.1.1)  |
| 3603 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Relative Density of rubber components  | IS11544  |
| 3604 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Shape/Design   | IS 11544 (CL 3.1)  |
| 3605 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Thread   | IS 11544(CL 3.2.5(IS 1720:1978)  |
| 3606 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Weave  | IS 11544 (CL 3.2.4.1)  |
| 3607 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Rubber Slipper                                   | Weight (g/m2) of fabric  | IS 11544(CL 3.2.4(IS 1964:2001)  |



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| 3608 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | RubberHawaichappal           | Compression Set  | ISO702("A-lofIS 6664:1992)Cl.No.5.4"   |
| 3609 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Safety Rubber Canvas Boot    | Design   | IS3976   |
| 3610 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sandal                       | Heel attachment  | SATRATMI13   |
| 3611 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sandal                       | Strap to sole attachment   | SATRATMI20   |
| 3612 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sandal                       | Toe post attachment  | SATRATMI18   |
| 3613 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sandal                       | Top piece attachment   | SATRATMI08   |
| 3614 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | BS EN ISO 20346  |
| 3615 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | BS EN ISO 20347  |
| 3616 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | BSENISO20344 and20345  |
| 3617 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | BSENISO5090  |
| 3618 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | ISO4544  |
| 3619 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | ISO5298(Part-I)  |
| 3620 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | SASO ISO 20346   |
| 3621 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Energy absorption of the seat region   | 2007BSENISO5090  |
| 3622 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Energy absorption of the seat region   | BS EN ISO 20344, 20345   |
| 3623 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Energy absorption of the seat region   | BS EN ISO 20346  |
| 3624 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Energy absorption of the seat region   | BS EN ISO 20347  |
| 3625 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Energy absorption of the seat region   | IS3976   |
| 3626 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Energy absorption of the seat region   | ISO5298(Part-2) (Part-3)(Part-4)   |



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| 3627 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Energy absorption of the seat region   | ISI5298(Part-I)  |
| 3628 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Energy absorption of the seat region   | ISI5844  |
| 3629 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of the upper  | BS EN ISO 20347  |
| 3630 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of the upper  | IS:15298Part-I   |
| 3631 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of Upper  | BS EN ISO 20346  |
| 3632 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of upper  | BSEN15090  |
| 3633 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of Upper  | ISI4544  |
| 3634 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of Upper  | SASO ISO 20344   |
| 3635 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | ISI5298(Part-I)  |
| 3636 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against cold  | BS EN ISO 20344,20345  |
| 3637 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against cold  | BS EN ISO 20346  |
| 3638 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Insulation against cold  | BS EN ISO 20347  |
| 3639 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against cold  | BSEN15090  |
| 3640 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against cold  | ISI4544:   |
| 3641 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against cold  | ISI5298(Part-2) (Part-3)(Part-4)   |
| 3642 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against cold  | ISI5298(Part-I)  |
| 3643 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against cold  | SASO ISO 20346   |
| 3644 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against heat  | BS EN ISO 20344,20345  |
| 3645 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Insulation against heat  | BS EN ISO 20346:   |



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|------|--|------------------------------|--|--|
| 3646 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Insulation against heat  | BS EN ISO 20347  |
| 3647 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against heat  | BSEN15090  |
| 3648 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against heat  | ISI4544  |
| 3649 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Insulation against heat  | ISI5298(Part-2) (Part-3)(Part-4)   |
| 3650 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Insulation against heat  | ISI5298(Part-I)  |
| 3651 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against heat  | SASO ISO 20346   |
| 3652 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Mass   | IS3976   |
| 3653 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Seat Region and construction   | BS EN ISO 20346  |
| 3654 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Seat Region and construction   | BS EN ISO 20347  |
| 3655 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Seat Region and construction   | BS EN ISO20344,BS ENISO20345   |
| 3656 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Seat Region and construction   | BSEN15090  |
| 3657 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Seat Region and construction   | ISI5298(Part-II) : 2016,Part (III): 2018 and (Part-IV)   |
| 3658 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Seat Region and construction   | ISI5298(Part-I)  |
| 3659 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Seat Region and construction   | SASO ISO 20346   |
| 3660 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Slip Resistance  | BS EN ISO 20344, 20345   |
| 3661 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Slip Resistance  | BS EN ISO:20346  |
| 3662 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Slip Resistance  | BS EN ISO:20347  |
| 3663 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Slip Resistance  | BSEN15090  |
| 3664 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Slip Resistance  | ISI5298(part2)and (Part4)  |



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|------|--|------------------------------|--|--|
| 3665 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Slip Resistance  | ISI5298(Part-I)  |
| 3666 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Slip Resistance  | SASO ISO 20346   |
| 3667 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Specific ergonomic features  | ISI4544  |
| 3668 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength   | BS EN ISO 20346  |
| 3669 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength   | BS EN ISO 20347  |
| 3670 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength   | ISI4544  |
| 3671 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Upper /Outsole and sole interlayer bond strength   | ISI5298(Part-II) : 2016, (Part-III): 2018 and (Part- IV)   |
| 3672 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength   | ISI5844  |
| 3673 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength   | SASO ISO 20346   |
| 3674 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength   | SASO ISO20344, 20345 and20347  |
| 3675 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength   | SATRATM4IIBSENI5090  |
| 3676 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength.  | ISI5298(Part-I)  |
| 3677 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | BS EN ISO 20344 : 2021,20345   |
| 3678 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | BS EN ISO 20346  |
| 3679 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | BS EN ISO 20347  |
| 3680 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | BSENI2568  |
| 3681 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | BSENI5090  |
| 3682 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | IS3976   |
| 3683 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | ISI4544  |



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| 3684 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | ISI5298(Part-I)  |
| 3685 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | ISI5298(Part-II) : 2016, (Part-III): 2018 and (Part- IV)   |
| 3686 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | SASO ISO 20346   |
| 3687 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Compression resistance   | SASO ISO20344,20345,2034   |
| 3688 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | ISI5298(Part-II) : 2016, (Part-III) : 2018 and (Part-IV)   |
| 3689 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Design and Toe protection (General)  | SASO ISO 20344,20345 and 20347   |
| 3690 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Energy absorption of the seat region   | SASO ISO 20344,20345,20347   |
| 3691 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of the upper  | BS EN ISO 20344  |
| 3692 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of the upper  | ISI5298(Part-II) : 2016, (Part-III) : 2018 and (Part- IV)  |
| 3693 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of upper  | IS3976   |
| 3694 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Height of upper  | SASO ISO 20345, SASO ISO 20347   |
| 3695 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | BS EN ISO 20344 : 2021,20345   |
| 3696 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | BS EN ISO 20346  |
| 3697 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | BS EN ISO 20347  |
| 3698 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | BSENI5090  |
| 3699 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | IS3976:  |
| 3700 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | ISI4544  |
| 3701 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | ISI5298(Part-2) : 2016 (Part-3) : 2018 and (Part-IV)   |
| 3702 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | SASO ISO 20344,20345,20347:  |



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| 3703 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Impact Resistance/performance test   | SASO ISO 20346   |
| 3704 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against cold  | SASO ISO 20344,20345,20347   |
| 3705 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Insulation against heat  | SASO ISO 20344,20345,20347   |
| 3706 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Leak proofness and Specific ergonomic features   | BS EN ISO 20346  |
| 3707 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Leak proofness and Specific ergonomic features   | BS EN ISO 20347  |
| 3708 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Leak proofness and Specific ergonomic features   | BS EN ISO:20344 : 2021,20345   |
| 3709 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | shoe                         | Leak proofness and Specific ergonomic features   | BSEN15090  |
| 3710 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Leak proofness and Specific ergonomic features   | IS15298(Part-I)  |
| 3711 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Leak proofness and Specific ergonomic features   | IS15298(Part-II) : 2016 , (Part-III) : 2018 and (Part- IV)   |
| 3712 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Leak proofness and Specific ergonomic features   | SASO ISO 20344,20345,20347   |
| 3713 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Leak proofness and Specific ergonomic features   | SASO ISO 20346   |
| 3714 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Seat Region and construction   | SASO ISO 20344,SASOISO 20345,SASOISO 20347   |
| 3715 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Slip Resistance  | ISO13287,SATRA TMI44,ISI4544   |
| 3716 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Slip Resistance  | SASO ISO 20344,20345,20347   |
| 3717 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Upper /Outsole and sole interlayer bond strength   | IS3976   |
| 3718 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Shoe                         | Whole shoe flexing   | SATRATM92  |
| 3719 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Solid PVC soles and heels    | Density of pvc soles and heels   | IS6719(CI3.6 (Appendix-A1):I972  |
| 3720 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Solid PVC soles and heels    | Elongationofpvcsoles andheels  | IS6719(CI3.6 (Appendix-A2)   |
| 3721 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Solid PVC soles and heels    | Tear Strengthof pvc soles and heels  | IS6719(CI3.6 (Appendix-A3):I972  |



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| 3722 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Solid PVC soles and heels    | Tensile Strength of pvc sole sandheels   | IS6719(CI3.6 (Appendix-A2)   |
| 3723 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Solid PVC soles and heels    | Thickness of pvc soles and heels   | IS6719(CI3.5.I   |
| 3724 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sports foot wear             | Design   | "IS 15844:2010 Cl. 3.2"  |
| 3725 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sports foot wear             | Upper to mid sole bond performance   | IS 15844("{Annex- B}Cl. 3.3.2")  |
| 3726 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sports footwear              | ""Water vapour permeability of lining "  | IS 15844 IS 15298(part):Cl. 3.5  |
| 3727 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Color migration  | IS15844  |
| 3728 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Breaking Strength  | IS 15844("IS 7016(Part-2)2015 Cl.3.4":2010 IS 15844("IS 7016(Part-2)2015 Cl.3.4"                     |
| 3729 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Adhesion strength  | IS 15844("{Annex-B} Cl.3.4") 2010  |
| 3730 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Adhesion To sole   | IS 15844("{Annex- B}Cl. 3.7":  |
| 3731 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Adhesion To sole   | IS 15844("{Annex-B}Cl.3.6"   |
| 3732 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Compression Set  | IS 15844("{Annex- C} Cl.3.6")  |
| 3733 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Compression Set  | IS 15844("{Annex- C}Cl.3.9"  |
| 3734 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Elongation at break  | IS 15844("{LP:6 of 5914} Cl. 3.4"  |
| 3735 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Flexing resistance   | IS 15844("{LP:19 of 5914}Cl.3.4")  |
| 3736 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Heat Resistance  | IS 15844("{Annex- F}Cl. 3.8":2010  |
| 3737 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Heat Resistance  | IS 15844("{Annex- F}Cl. 3.9"   |
| 3738 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Heat Resistance  | IS 15844("{Annex- F}Cl.3.6")   |
| 3739 | MECHANICAL- LEATHER AND LEATHER PRODUCTS | Sportsfoot wear              | Lace to Lace abrasion  | IS 15844("{Annex- N}Cl. 3.10")   |



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| 3740 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Sportsfoot wear                           | Sole to mid sole bond performance  | IS 15844("{Annex-B} Cl.3.3.3")   |
| 3741 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Sportsfoot wear                           | Split Tear strength  | IS 15844("{Annex- D}Cl.3.6") 2010  |
| 3742 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Sportsfoot wear                           | Tear strength  | IS 15844("{LP:7of 5914}Cl.3.4")  |
| 3743 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Sportsfoot wear                           | Tensile strength   | IS 15844("{LP:6of 5914}Cl.3.4")  |
| 3744 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Sportsfoot wear                           | Trouser tear strength  | IS 15844("{Annex- G}Cl. 3.7")  |
| 3745 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Sportsfoot wear                           | Water Vapour Coefficient   | IS 15844("{IS 15298(part-I):2015} Cl.3.5")   |
| 3746 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Stiffener                                 | "Thickness of Stiffener "  | IS17012(CI 4.6.3(IS 15298-1)   |
| 3747 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Toe cap                                   | Internal Length of Toe Cap   | BS EN ISO 20344 : 2021, 20345  |
| 3748 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Toe cap                                   | Internal Length of Toe Cap   | BS EN ISO 20347  |
| 3749 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Toe cap                                   | Internal Length of Toe Cap   | BSEN15090  |
| 3750 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Toe cap                                   | Internal Length of Toe Cap   | IS3976   |
| 3751 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Toe cap                                   | Internal Length of Toe Cap   | IS15298(Part-I)  |
| 3752 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Toe cap                                   | Internal Length of Toe Cap   | SASO ISO20344,20345,2034   |
| 3753 | MECHANICAL- LEATHER AND LEATHER PRODUCTS       | Toe cap                                   | Internal Length of Toe Cap   | SASO ISO20346  |
| 3754 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Locking reliability test   | IS 3521-3  |
| 3755 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                                 | Additional seat and leg rest static load test  | BS EN 581-2(EN 1728:2012)  |
| 3756 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                                 | Additional seat durability test  | BS EN 581-2(EN 1728:2012)  |



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| 3757 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Additional vertical static load test   | BS EN 581-3: 2017  |
| 3758 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Arm rest   | IS 3663:   |
| 3759 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Arm rest downward static load test   | EN 12520(EN 1728:2012)   |
| 3760 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Arm rest durability test   | EN 12520(EN 1728:2012)   |
| 3761 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Arm rest durability test   | BS EN 581-2(EN 1728:2012)  |
| 3762 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Arm rest sideways static load test   | EN 12520(EN 1728:2012)   |
| 3763 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Arm rest static load test  | EN 12520(EN 1728:2012)   |
| 3764 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Arm rest static load test  | BS EN 581-2(EN 1728:2012)  |
| 3765 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Armrest durability test for single seat unit- angular cyclic   | BIFMA X5.4: 2012   |
| 3766 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Armrest durability test- vertical durability   | BIFMA X5.4: 2012   |
| 3767 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Armrest Strength test- Vertical static   | BIFMA X5.4: 2012   |
| 3768 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Back rest  | IS 3663:   |
| 3769 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Backrest durability test- Horizontal   | BIFMA X5.4: 2012   |
| 3770 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Backrest strength test- Horizontal Static  | BIFMA X5.4: 2012   |



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| 3771 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Backward fall test   | EN 12520(EN 1728:2012)   |
| 3772 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Clearance across the kneehole  | IS 3663:   |
| 3773 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Clearance below desk top:<br>Adjustable height top   | IS 3663:   |
| 3774 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Combines seat and back durability test   | EN 12520(EN 1728:2012)   |
| 3775 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Combines seat and back durability test   | BS EN 581-2(EN 1728:2012)  |
| 3776 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Desk/ table- unit drop test  | BIFMA X5.5: 2014   |
| 3777 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Dimension of the table top   | IS 3663  |
| 3778 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Drop test  | EN 16122:2012  |
| 3779 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Durability test in back rest   | BS EN 581-2(EN 1728:2012)  |
| 3780 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Effective seat depth   | IS 3663  |
| 3781 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Foot rest static load test   | BS EN 581-2(EN 1728:2012)  |
| 3782 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Foot rest static load test   | EN 12520(EN 1728:2012)   |
| 3783 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | General requirements   | BS EN 12521(BS EN 1730:2012))  |
| 3784 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | General requirements   | BS EN 581-1: 2017  |



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| 3785 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | General requirements   | EN 12520(EN 1728:2012)   |
| 3786 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Height at which typewriter or accounting machine is accommodated   | IS 3663:   |
| 3787 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Height of top surface: Fixed height top  | IS 3663  |
| 3788 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Horizontal durability test   | BS EN 581-3: 2017  |
| 3789 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Horizontal durability test   | EN 12521(EN 1730:2012)   |
| 3790 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Horizontal load for pivot doors  | EN 14749:2016  |
| 3791 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Horizontal load for pivot doors  | EN 16122:2012  |
| 3792 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Horizontal load on pivoted doors   | ISO 7170: 2021   |
| 3793 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | FURNITURE                    | Horizontal static load test  | EN 12521(EN 1730:2012)   |
| 3794 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Leg forward static load test   | EN 12520(EN 1728:2012)   |
| 3795 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Leg forward static load test   | BS EN 581-2(EN 1728:2012)  |
| 3796 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Leg room, front to back ( upper side )   | IS 3663:   |
| 3797 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Leg room, front to back (lower side )Leg room, front to back (lower side )                                 | IS 3663:   |
| 3798 | MECHANICAL-PERFORMANCE/DURABILITY / SAFETY TEST | Furniture                    | Leg sideways static load test  | EN 12520(EN 1728:2012)   |



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| 3799 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Leg sideway static load test   | BS EN 581-2(EN 1728:2012)  |
| 3800 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Leg strength test- front and side application  | BIFMA X5.4: 2012   |
| 3801 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Lifting test for mobile loungers   | BS EN 581-2(EN 1728:2012)  |
| 3802 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Pull force test  | BIFMA X5.5: 2014   |
| 3803 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat and back static load test   | BS EN 581-2(EN 1728:2012)  |
| 3804 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat and back static load test   | EN 12520(EN 1728:2012)   |
| 3805 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat front edge durability test  | EN 12520(EN 1728:2012)   |
| 3806 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat front edge static load test   | EN 12520(EN 1728:2012)   |
| 3807 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat front edge static load test   | BS EN 581-2(EN 1728:2012)  |
| 3808 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat height  | IS 3663:   |
| 3809 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat impact test   | BS EN 581-2(EN 1728:2012)``  |
| 3810 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat impact test   | EN 12520(EN 1728:2012)   |
| 3811 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Seat width   | IS 3663  |
| 3812 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Shear and Squeeze Points   | BS EN 12521(BS EN 1730:2012)   |



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| 3813 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Shear and Squeeze points   | BS EN 581-1: 2017  |
| 3814 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Shear and Squeeze points   | EN 12520(EN 1728:2012)   |
| 3815 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Shelf retention test-vertical downward force   | EN 16122   |
| 3816 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Shelves retention i) Vertical downward ii) Horizontal outward  | EN 14749:2016  |
| 3817 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Slope of the back rest   | IS 3663:   |
| 3818 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Stability for table with extension elements  | BS EN 581-3: 2017  |
| 3819 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Stability for table with extension elements  | EN 12521(EN 1730:2012)   |
| 3820 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Stability under vertical load  | BS EN 12521(BS EN 1730:2012)   |
| 3821 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Stability under vertical load  | BS EN 581-3: 2017  |
| 3822 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Stability under vertical load test   | EN 12521(EN 1730:2012)   |
| 3823 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Static load test for other top surfaces  | EN 14749:2016  |
| 3824 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Static load test for tops and bottoms  | EN 14749:2016  |
| 3825 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Static load test for tops and bottoms  | EN 16122   |
| 3826 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Static load test for tops and bottoms  | ISO 7170   |



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| 3827 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Strength of bottom hinged flaps  | EN 14749:2016  |
| 3828 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Strength of bottom hinged flaps  | EN 16122:2012  |
| 3829 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Strength of bottom hinged flaps  | ISO 7170: 2021   |
| 3830 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Strength of extension elements   | EN 14749:2016  |
| 3831 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Strength of extension elements   | EN 16122:2012  |
| 3832 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Strength of extension elements   | ISO 7170: 2021   |
| 3833 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Strength of structure  | EN 16122:2012  |
| 3834 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Test for structure   | ISO 7170:  |
| 3835 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Top hinged flaps   | EN 14749:2016  |
| 3836 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Tubular Components   | BS EN 581-1: 2017  |
| 3837 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Unit drop test- dynamic  | BIFMA X5.4: 2012   |
| 3838 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Vertical durability test for cantilever or pedestal table  | EN 12521(EN 1730:2012)   |
| 3839 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Vertical impact test for tables with glass in their constructions  | EN 12521(EN 1730:2012)   |
| 3840 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture                    | Vertical impact test for tables without glass in their constructions                                       | EN 12521(EN 1730:2012)   |



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| 3841 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture  | Vertical load for pivot doors  | EN 14749:2016  |
| 3842 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture  | Vertical load for pivot doors  | EN 16122:2012  |
| 3843 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture  | Vertical load on pivoted doors   | ISO 7170   |
| 3844 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture  | Vertical receding door strength test   | BIFMA X5.5: 2014   |
| 3845 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture  | Vertical static load on ancillary surface  | BS EN 581-3: 2017  |
| 3846 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture  | Vertical static load test  | BS EN 581-3: 2017  |
| 3847 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Furniture  | Vertical static load test  | EN 12521(EN 1730:2012)   |
| 3848 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Lanyards and Energy absorbers  | Adjustment Slippage  | IS 3521-2  |
| 3849 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Lanyards and Energy absorbers  | Corrosion resistance   | IS 3521-2  |
| 3850 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Lanyards and Energy absorbers  | Dynamic performance  | IS 3521-2  |
| 3851 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Lanyards and Energy absorbers  | Dynamic strength for adjustable lanyards   | IS 3521-2  |
| 3852 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Lanyards and Energy absorbers  | Inadvertent operation  | IS 3521-2  |
| 3853 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Lanyards and Energy absorbers  | Static strength  | IS 3521-2  |
| 3854 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Personal Fall Arrest system – Connectors with self-closing and self-locking gates. | Corrosion test   | IS 3521-5  |



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|------|--|--|---|--|
| 3855 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Personal Fall Arrest system - Connectors with self-closing and self-locking gates. | Gate resistance test  | IS 3521-5  |
| 3856 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Personal Fall Arrest system - Connectors with self-closing and self-locking gates. | Static strength test  | IS 3521-5  |
| 3857 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Plastic chairs for general office purpose  | Colorfastness to day light  | IS 13713(IS 686: 1985)   |
| 3858 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Plastic chairs for general office purpose  | Rigidity test forback   | IS 13713(Annexure B)   |
| 3859 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Plastic chairs for general office purpose  | Stability test  | IS 13713(IS 5416 part 2):1988  |
| 3860 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Plastic chairs for general office purpose  | Strength test   | IS 13713(IS 5416 part 1):1988  |
| 3861 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet                  | Chain Strap Anchorages  | EN 397   |
| 3862 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet                  | Construction Harness Chain Strap  | EN 397   |
| 3863 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet                  | Construction Harness Chain Strap Lamp Bracket Cable Clip Corrosion Test Shock absorption test Heat resistance | IS 2925  |
| 3864 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet                  | Electrical resistance   | EN 397   |
| 3865 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet                  | Electrical resistance   | IS 2925  |
| 3866 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet                  | External Vertical Distance  | EN 397   |
| 3867 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet                  | Horizontal clearance  | EN 397   |



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|------|--|---|---|--|
| 3868 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Internal Vertical clearance   | EN 397   |
| 3869 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Internal Vertical Distance  | EN 397   |
| 3870 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Mass  | IS 2925  |
| 3871 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Resistance to penetration test  | EN 397   |
| 3872 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Resistance to penetration test  | IS 2925  |
| 3873 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Size of Helmet  | EN 397   |
| 3874 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Size of Helmet  | IS 2925  |
| 3875 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Water absorption  | IS 2925  |
| 3876 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Wearing Height  | EN 397   |
| 3877 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Protective helmet for Motorcycle Riders/ Industrial safety helmet | Wearing Height  | IS 2925  |
| 3878 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness   | Breaking load of life line  | IS 3521  |
| 3879 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness   | Classification Width of straps<br>Material Identification No of stitches of thread per cm<br>Attachments means<br>Performance test Static Load<br>Dynamic load Construction<br>Breaking tenacity of webbing<br>Corrosion Resistance | IS 3521  |



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| 3880 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness        | Dynamic load   | EN 361   |
| 3881 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness        | Flammability Test  | IS 3521  |
| 3882 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness        | Flammability Test  | UL 94  |
| 3883 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness        | Length of lanyard  | IS 3521  |
| 3884 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness        | Material Identification Static Load  | EN 361   |
| 3885 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness        | Strength of metal  | IS 3521  |
| 3886 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness        | Thickness of metal plating   | IS 3521  |
| 3887 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety belt & harness        | Thickness of straps  | IS 3521  |
| 3888 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness               | Breaking strength of webbing   | IS 3521  |
| 3889 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness               | Buckle Uncoupling and Slippage   | IS 3521  |
| 3890 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness               | Corrosion resistance   | IS 3521  |
| 3891 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety Harness               | Dynamic Performance  | IS 3521  |
| 3892 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness               | Flammability   | IS 3521  |
| 3893 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | safety harness               | No of stitches per cm  | IS 3521  |



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| 3894 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness                            | Static Strength  | is 3521  |
| 3895 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness                            | Static Suspension Angle Test for Class AE FBH  | IS 3521  |
| 3896 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness                            | Tenacity   | IS 3521-1  |
| 3897 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety Harness                            | Thickness of metal plating   | IS 3521  |
| 3898 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | safety harness                            | Width of the webbing   | IS 3521  |
| 3899 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Corrosion test   | IS 3521-3  |
| 3900 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Dynamic performance  | IS 3521-3  |
| 3901 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Dynamic test at full lifeline extraction   | IS 3521-3  |
| 3902 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Lifting test for SRL with lift only integral rescue facility   | IS 3521-3  |
| 3903 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Locking reliability test   | IS 3521-3  |
| 3904 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Locking test after conditioning  | IS 3521-3  |
| 3905 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Lowering and lifting test for SRL with lift and lower integral rescue facility                             | IS 3521-3  |
| 3906 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Static strength  | IS 3521-3  |
| 3907 | MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST | Safety harness( Self retracting lanyards) | Static strength test   | IS 3521-3  |



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| 3908 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Constant Deflection Compression Set Test (Compression set)   | ISO 1856   |
| 3909 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Constant Deflection Compression Set Test (Compression set)   | JIS K6400  |
| 3910 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Constant Deflection Compression Set Test (Compression set)   | ASTM D 3574  |
| 3911 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | JIS K6400  |
| 3912 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Constant Deflection Compression Set Test (Compression set)   | IS 7888  |
| 3913 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Constant Deflection Compression Set Test (Compression set)   | JASO M305  |
| 3914 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | ASTM D792:   |
| 3915 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | IS 7888:   |
| 3916 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | ISO 2439:  |
| 3917 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Force Deflection(CFD) Test   | ISO 3386   |
| 3918 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Force Deflection(CFD) Test   | JIS K6400:2014/ DIN 53574  |
| 3919 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Force Deflection(CFD) Test   | ASTM D 3574  |
| 3920 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Indentation Force Deflection Test- @ Specified Deflection  | IS 7888  |
| 3921 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Wet Heat ageing (calculate % change in Physical Properties)  | ASTM D 3574  |
| 3922 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Force Deflection(CFD) Test   | IS 7888  |
| 3923 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | ASTM D3574:  |
| 3924 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Constant Deflection Compression Set Test (Compression set)   | IS 15844   |



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|------|---|---|--|--|
| 3925 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others)  | Elongation at Break  | ASTM D3574:  |
| 3926 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others)  | IFD  | ASTM D3574:  |
| 3927 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others)  | Tear resistance  | ASTM D3574:  |
| 3928 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others)  | Tensile Test   | ASTM D3574:  |
| 3929 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Compressive Deformation Resistance   | IS 14625   |
| 3930 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Environmental Stress Crack   | IS 8747  |
| 3931 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Environmental Stress Crack Ageing Resistance Product Resistance of Printed Containers                      | IS: 14625  |
| 3932 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Leakage Test   | IS: 2798   |
| 3933 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Product Resistance of Printed Containers   | IS 2798  |
| 3934 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Capacity Scale   | IS: 14625  |
| 3935 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Transparency   | IS 14625   |
| 3936 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Wall Thickness   | IS 2798  |
| 3937 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | Wall Thickness   | IS: 14625  |
| 3938 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | IFD  | ASTM D 3574:   |
| 3939 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test:  | ASTM D 3574:   |
| 3940 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others)  | Dry Heat ageing (calculate % change in Physical Properties)  | ASTM D 3574:   |
| 3941 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others)  | Dry Heat ageing (calculate % change in Physical Properties)  | IS 7888:   |



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| 3942 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Dry Heat ageing (calculate % change in Physical Properties)  | ISO: 8067:   |
| 3943 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | IS 7888:   |
| 3944 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | ISO: 8067:   |
| 3945 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | IS 7888:   |
| 3946 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | IS 7888:   |
| 3947 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | ISO: 8067:   |
| 3948 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | IFD  | IS 7888:   |
| 3949 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | IFD  | ISO: 8067:   |
| 3950 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear resistance  | IS 7888:   |
| 3951 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear resistance  | ISO: 8067:   |
| 3952 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test:  | IS 7888:   |
| 3953 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test:  | ISO: 8067:   |
| 3954 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | JIS K 6400:  |
| 3955 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Dry Heat ageing (calculate % change in Physical Properties)  | JIS K 6400:  |
| 3956 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | JIS K 6400:  |
| 3957 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear resistance  | JIS K 6400:  |
| 3958 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test:  | JIS K 6400:  |
| 3959 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Steam Autoclave Aging  | ISO 2440   |
| 3960 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test   | ASTM D 412   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-6319  | <b>Page No</b>         | 340 of 568 |
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|------|---|--|--|--|
| 3961 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | VSP (Vicat Softening point)  | ASTM D1525   |
| 3962 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear Resistance Test   | JIS K 6400   |
| 3963 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Toxicity Test  | NCD 1409   |
| 3964 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | IS:7933  |
| 3965 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | IS:7933  |
| 3966 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | IS:7933:   |
| 3967 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | ASTM D3574   |
| 3968 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | JASO M305-1988/IS 7328   |
| 3969 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | IS13360 (Part 3)   |
| 3970 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Density Test (Core Density, Overall Density, Bulk Density)   | IS 3400 pt 9   |
| 3971 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | IS:7933:   |
| 3972 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | ASTM D 3574  |
| 3973 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | IS 7888  |
| 3974 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | JIS K6400  |
| 3975 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | IFD  | IS:7933:   |
| 3976 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in CFD  | ASTM D 3574:   |
| 3977 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in CFD  | ISO 2440:  |
| 3978 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in IFD  | ASTM D 3574  |
| 3979 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in IFD  | ISO 2440:  |



# National Accreditation Board for Testing and Calibration Laboratories

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|------|---|--|--|--|
| 3980 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in Thickness  | ASTM D 3574:   |
| 3981 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in Thickness  | ISO 2440:  |
| 3982 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | SHORE D Hardness Test  | ASTM D2240   |
| 3983 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear resistance  | IS:7933:   |
| 3984 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear Resistance Test   | ASTM D624  |
| 3985 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test:  | IS:7933:   |
| 3986 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | "Compression Set"  | ISO: 8067  |
| 3987 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | "Compression Set"  | ASTM D 3574  |
| 3988 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | "Compression Set"  | IS: 7888   |
| 3989 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | "Compression Set"  | IS:7933  |
| 3990 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | "Compression Set"  | JIS K 6400   |
| 3991 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | Elongation at Break  | ASTM D 3574  |
| 3992 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | Elongation at Break  | IS: 7888   |
| 3993 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | Elongation at Break  | IS:7933  |
| 3994 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | Elongation at Break  | ISO: 8067  |
| 3995 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | Elongation at Break  | JIS K 6400   |
| 3996 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | IFD  | ASTM D 3574  |
| 3997 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | IFD  | IS: 7888   |
| 3998 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)"              | IFD  | IS:7933  |



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**Accreditation Standard** ISO/IEC 17025:2017

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|------|---|---|--|--|
| 3999 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | IFD  | JIS K 6400   |
| 4000 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | IFD  | ISO: 8067  |
| 4001 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tear resistance  | ASTM D 3574  |
| 4002 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tear resistance  | IS: 7888   |
| 4003 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tear resistance  | IS:7933  |
| 4004 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tear resistance  | ISO: 8067  |
| 4005 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tear resistance  | JIS K 6400   |
| 4006 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tensile Test   | ASTM D 3574  |
| 4007 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tensile Test   | IS:7933  |
| 4008 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tensile Test   | ISO: 8067  |
| 4009 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tensile Test   | JIS K 6400   |
| 4010 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | "Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)" | Tensile Test   | IS: 7888   |
| 4011 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & plastics product   | Water Absorption   | ASTMD 570  |
| 4012 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Baby Feeding Bottles)  | CapacityTest Leakage Test Drop Test  | IS: 14625  |
| 4013 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)   | *Tyre Designation & Various Dimensions   | ISO 5775-1   |
| 4014 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)   | Dynamic Fatigue Test by Constant Force Pounding Thickness Loss   | ASTM D 3574  |
| 4015 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)   | Dynamic Fatigue Test by Constant Force Pounding Thickness loss IFD   | IS 7888  |
| 4016 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)   | Dynamic Fatigue Test by Constant Force Pounding Thickness Loss IFD   | ISO 3385   |



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|------|---|---|--|--|
| 4017 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Dynamic Fatigue Test by Constant Force Pounding Thickness Loss IFD   | JIS K 6400   |
| 4018 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Fire Resistance  | UIC 564-2: Appendix 4/ UIC 564-2: Appendix 6/ UIC 564-2: Appendix 10/ UIC 564-2: Appendix 11/ UIC 564-2: Appendix 12 |
| 4019 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Shear Fatigue Thickness Loss IFD   | ASTM D 3574  |
| 4020 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Static Force Loss Test at Constant Deflection thickness loss   | ASTM D 3574  |
| 4021 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Tear Resistance Test   | IS 3400 part 12  |
| 4022 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Tear Resistance Test   | IS 3400 part 17  |
| 4023 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Tear Resistance Test   | JIS K 6301   |
| 4024 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Density Test (Core Density, Overall Density, Bulk Density)   | ISO 2781   |
| 4025 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Indentation Force Deflection Test-Specified Deflection   | IS 7888  |
| 4026 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | *Tyre Designation & Various Dimensions   | ISO 5775-2   |
| 4027 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Flammability   | ISO 3582   |
| 4028 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Constant Deflection Compression Set Test (Compression set)   | IS:7933  |
| 4029 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Constant Deflection Compression Set Test (Compression set)   | ASTM D395  |
| 4030 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Constant Deflection Compression Set Test (Compression set)   | IS 3400 pt-10  |
| 4031 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films) | Constant Deflection Compression Set Test (Compression set)   | IS:1741  |



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|------|---|--|--|--|
| 4032 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films)                | Constant Deflection Compression Set Test (Compression set)   | ISO 815  |
| 4033 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Wet Heat ageing (calculate % change in Physical Properties)  | JIS K6400  |
| 4034 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Flammability   | IS 7888  |
| 4035 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Flexural Strength & Modulus  | IS:13360(P5/S-7)   |
| 4036 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Fogging (Gravimetric Method )  | SAE J1756  |
| 4037 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Gloss  | ASTMD 523  |
| 4038 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Indentation Force Loss Test at Constant Deflection   | ASTM D 3574  |
| 4039 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Limited /minimum oxygen Index  | IS 13501   |
| 4040 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Melt Flow Index(MFI)   | IS:2530  |
| 4041 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Odor   | SAE J 1351   |
| 4042 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Resilience (Ball Rebound) Test   | ISO 8307   |
| 4043 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | SteamAutoclave Aging   | ASTM D 3574  |
| 4044 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Wet Heat ageing (calculate % change in Physical Properties)  | ISO: 8067  |
| 4045 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Flammability   | UIC 564-2 Appendix 8   |
| 4046 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Flammability   | UL 94  |
| 4047 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Odor   | ISO 12219 (part-3)   |
| 4048 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Resilience (Ball Rebound) Test   | ASTM D 3574  |
| 4049 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Melting Point  | ASTM D2117   |



# National Accreditation Board for Testing and Calibration Laboratories

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|------|---|--|--|--|
| 4050 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Wet Heat ageing (calculate % change in Physical Properties)  | IS: 7888   |
| 4051 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Salt Spray   | ISO 9227   |
| 4052 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Limited /minimum oxygen Index  | IS 13360 pt 6  |
| 4053 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Odor   | IS:1741  |
| 4054 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Resilience (Ball Rebound) Test   | JIS K 6400   |
| 4055 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Limited /minimum oxygen Index  | ASTM D 2863  |
| 4056 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | ASTM D 3574:   |
| 4057 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compressive Strength   | ASTM D 695   |
| 4058 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Deterioration of visibility due to smoke   | ASTM D 2843  |
| 4059 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Deterioration of visibility due to smoke   | UIC 564-2: Appendix15  |
| 4060 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Fire Resistance  | UIC 564-2: Appendix 4/ UIC 564-2: Appendix 6/ UIC 564- 2: Appendix 10/ UIC 564-2: Appendix 11/ UIC 564-2: Appendix 12: |
| 4061 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Fogging (Photometric Method, Fog Number )  | SAE J1756:   |
| 4062 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Indentation Force Deflection Test- Specified Deflection  | IS:7933  |
| 4063 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Indentation Force Deflection Test- Specified Deflection  | ISO: 2439  |
| 4064 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Indentation Force Deflection Test- Specified Deflection  | JIS K6400  |
| 4065 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Indentation Force Deflection Test- Specified Deflection  | ASTM D3574   |
| 4066 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Indentation Force Deflection Test- Specified Deflection  | DIN 53576  |
| 4067 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Sag Factor / Load Quotient   | IS 7888  |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| 4068 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Sag Factor / Load Quotient   | ISO 2439   |
| 4069 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Sag Factor / Load Quotient   | DIN 53576  |
| 4070 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Sag Factor / Load Quotient   | JIS K6400  |
| 4071 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Shear Fatigue Test   | ASTM D3574:  |
| 4072 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Shear Fatigue Test   | IS 7888:   |
| 4073 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear Resistance Test   | ASTM D 3574  |
| 4074 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear Resistance Test   | ASTM D 3574  |
| 4075 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test   | JIS K6400:   |
| 4076 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Ultimate Tensile/Tensile Strength  | ASTMD 638  |
| 4077 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Ultimate Tensile/Tensile Strength  | IS:7933  |
| 4078 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Ultimate Tensile/Tensile Strength  | ISO 1798   |
| 4079 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Ultimate Tensile/Tensile Strength  | IS 7888  |
| 4080 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Ultimate Tensile/Tensile Strength  | ASTM D 3574  |
| 4081 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | ASTM D 3574:   |
| 4082 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | IS: 7888:  |
| 4083 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | ISO: 8067:   |
| 4084 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Compression Set  | JIS K6400:   |
| 4085 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Dynamic Fatigue Testby Constant Force Pounding   | ASTM D 3574:   |
| 4086 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Dynamic Fatigue Testby Constant Force Pounding   | IS 7888:   |



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| 4087 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Dynamic Fatigue Testby Constant Force Pounding   | ISO 3385:  |
| 4088 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Dynamic Fatigue Testby Constant Force Pounding   | JIS K6400:   |
| 4089 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | ISO: 8067:   |
| 4090 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | IS: 7888:  |
| 4091 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongation at Break  | JIS K6400:   |
| 4092 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Elongationat Break   | ASTMD638   |
| 4093 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Filler content   | ASTMD 2584   |
| 4094 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Flammability   | FMVSS 302  |
| 4095 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Flexural Strength & Modulus  | ASTM D790  |
| 4096 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | HDT (Heat Deflection Temperature)  | ASTM D648  |
| 4097 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Hysteresis Loss  | ASTM D 3574  |
| 4098 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Hysteresis Loss  | JIS K 6400   |
| 4099 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | IFD  | IS: 7888:  |
| 4100 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | IFD  | ISO: 8067:   |
| 4101 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | IFD  | JIS K 6400   |
| 4102 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | IFD  | JIS K6400:   |
| 4103 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in IFD  | ASTM D 3574:   |
| 4104 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in IFD  | ASTM D3574:  |
| 4105 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in IFD  | IS 7888:   |



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| 4106 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in IFD  | ISO 3385   |
| 4107 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in IFD  | IS 7888:   |
| 4108 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in IFD  | JIS K6400:   |
| 4109 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in Thickness  | ASTM D 3574:   |
| 4110 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in Thickness  | ASTM D3574:  |
| 4111 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in Thickness  | IS 7888:   |
| 4112 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in Thickness  | ISO 3385:  |
| 4113 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in Thickness  | IS 7888:   |
| 4114 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss in Thickness  | JIS K6400:   |
| 4115 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss of Thickness Test at Constant Deflection  | ASTM D 3574  |
| 4116 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Loss on ignition/ Ash content  | ASTMD 5630   |
| 4117 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Melt Flow Index(MFI)   | ASTMD 1238   |
| 4118 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Sag Factor / Load Quotient   | ASTM D 3574  |
| 4119 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | SHORE A Hardness Test  | ASTM D2240:  |
| 4120 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear resistance  | ASTM D 3574:   |
| 4121 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear resistance  | IS: 7888:  |
| 4122 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear resistance  | ISO: 8067:   |
| 4123 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear resistance  | JIS K6400:   |
| 4124 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tear Resistance Test   | ISO 8067   |



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| 4125 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test   | IS: 7888:  |
| 4126 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Tensile Test   | ISO: 8067:   |
| 4127 | MECHANICAL- PLASTICS AND PLASTIC PRODUCTS | Plastics & Resins (Resin, Plastics & Polymers, Raw materials, Plastics Films, foam & others) | Ultimate Tensile/Tensile Strength  | JIS K6400  |
| 4128 | MECHANICAL- TEXTILE MATERIALS             | All types of textile & coated textile materials  | Breaking strength  | SATRA TM 29  |
| 4129 | MECHANICAL- TEXTILE MATERIALS             | All types of textile & coated textile materials  | Course/Wales   | IS 833 : 1977 A4 & A5  |
| 4130 | MECHANICAL- TEXTILE MATERIALS             | All types of textile & coated textile materials  | Extension at break   | SATRA TM 29  |
| 4131 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Determination of Bursting Strength   | IS 7016 : Part 6   |
| 4132 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Determination of Blocking Resistance   | IS 7016 : Part 9   |
| 4133 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Determination of blocking resistance   | ISO 5978   |
| 4134 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Elongation at Break  | IS 7016 : Part 2   |
| 4135 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Tear Strength  | IS 7016 : Part 3   |
| 4136 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Tensile Strength   | IS 7016 : Part 2   |
| 4137 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Determination of Resistance to Damage by Flexing   | IS 7016 : Part 4 Method A  |
| 4138 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Methods of test for coated and treated fabrics- Accelerated ageing   | IS 7016 Part 8   |
| 4139 | MECHANICAL- TEXTILE MATERIALS             | Coated & Treated Fabrics   | Tear strength  | IS 7016-3  |
| 4140 | MECHANICAL- TEXTILE MATERIALS             | Fineness Grades Of Wool Tops   | Fineness Grades of Wool  | IS 5911 : 1977 As per IS 744 : 2000  |
| 4141 | MECHANICAL- TEXTILE MATERIALS             | High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks                            | Elongation Strip & Grap After UV Expose  | IS 14887 : 2014 Annex-C  |
| 4142 | MECHANICAL- TEXTILE MATERIALS             | High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks                            | Bottom Seam Strength   | IS 14887 : 2014 Cl.No. 3.3.1 As per IS 9030 : 1979   |



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| 4143 | MECHANICAL- TEXTILE MATERIALS | High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks  | Breaking Strength Strip & Grap After UV Expose   | IS 14887 : 2014 Annex-C  |
| 4144 | MECHANICAL- TEXTILE MATERIALS | High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks  | No. of Threads (Ends/Picks)  | IS 14887 Annex-B   |
| 4145 | MECHANICAL- TEXTILE MATERIALS | Men's Wood-cotton Underpants   | Standard Test Method For Breaking Strength-Ravelled Strip & Grab Method                                    | IS 2818  |
| 4146 | MECHANICAL- TEXTILE MATERIALS | Rib-Knitted Nylon Stockings  | Course/Wales   | IS 5524 : 1980 A4  |
| 4147 | MECHANICAL- TEXTILE MATERIALS | Synthetic (Plastic) Slide Fasteners  | Color  | IS 14181 : Part 1 : 2002 Cl.No. 7.4  |
| 4148 | MECHANICAL- TEXTILE MATERIALS | Synthetic (Plastic) Slide Fasteners  | Security requirement (Unpaired)  | IS 14181 : Part 1 : 2002 Cl.No. 10.2   |
| 4149 | MECHANICAL- TEXTILE MATERIALS | Synthetic (Plastic) Slide Fasteners  | Sliders  | IS 14181 : Part 1 : 2002 Cl.No. 7.2  |
| 4150 | MECHANICAL- TEXTILE MATERIALS | Synthetic (Plastic) Slide Fasteners  | Tape Width & Length  | IS 14181 : Part 1 : 2002 Cl.No. 8.1  |
| 4151 | MECHANICAL- TEXTILE MATERIALS | Synthetic (Plastic) Slide Fasteners  | Designation Code   | IS 14181 : Part 1 : 2002 Cl.No. 6  |
| 4152 | MECHANICAL- TEXTILE MATERIALS | Synthetic (Plastic) Slide Fasteners  | Length of Slider Fastener  | IS 14181 : Part 1 : 2002 Cl.No. 8.2  |
| 4153 | MECHANICAL- TEXTILE MATERIALS | Synthetic (Plastic) Slide Fasteners  | Locking Type   | IS 14181 : Part 1 : 2002 Cl.No. 4.1.7.1  |
| 4154 | MECHANICAL- TEXTILE MATERIALS | Textile & Related Product (Woven & Non-Woven, Knitted, Fibre Ropes & Cords, Grey fabric, Apparels, Coated Fabric, Domestic textile, Filament, Finished fabric, Garment, Industrial Textile, Sport textile, Khadi textile, Handloom textile, Bag, Zipper) | Textile Chain Thickness  | IS 14181-1, Cl. No. 8.1  |
| 4155 | MECHANICAL- TEXTILE MATERIALS | Textile- Sewing Threads/ Yarn/Cords  | Knot Strength  | IS 1670  |
| 4156 | MECHANICAL- TEXTILE MATERIALS | Textile- Sewing Threads/ Yarn/Cords  | Knot Strength  | ASTM D204-02   |
| 4157 | MECHANICAL- TEXTILE MATERIALS | Textile- Sewing Threads/ Yarn/Cords  | Loop Strength  | ASTM D204-02   |
| 4158 | MECHANICAL- TEXTILE MATERIALS | Textile- Sewing Threads/ Yarn/Cords  | Loop Strength  | IS 1670  |
| 4159 | MECHANICAL- TEXTILE MATERIALS | Textile- Sewing Threads/ Yarn/Cords  | Single Yarn Breaking Strength  | IS 1670  |



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| 4160 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Crease Recovery Angle  | AATCC 66   |
| 4161 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Mass Per Unit Area (Weight)  | ASTM D3776   |
| 4162 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Crease Recovery Angle  | IS 4681  |
| 4163 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Crease Recovery Angle  | ISO 2313   |
| 4164 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of crimp and count of yarn removed   | IS 3442  |
| 4165 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of Elongation at using the grab method   | ISO 13934-2  |
| 4166 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of Elongation at using the strip method  | ISO 13934-1  |
| 4167 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of maximum force at maximum force using the strip method   | ISO 13934-1  |
| 4168 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of maximum force using the grab method   | ISO 13934-2  |
| 4169 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of single-end breaking force at break using constant rate of extension (CRE) tester- Breaking Strength | ISO 2062 Method A  |
| 4170 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of single-end elongation at break using constant rate of extension (CRE) tester- Elongation            | ISO 2062 Method A  |
| 4171 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of tear force of tongue-shaped test specimens (Double tear test)                                       | ISO 13937-4  |
| 4172 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of tear force of trouser-shaped test specimens (Single tear method)                                    | ISO 13937-2  |
| 4173 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of the yarn number of all types of cotton, woolen, worsted, and man-made fiber yarns                   | ASTM D1059   |
| 4174 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Determination of Thickness   | ISO 5084   |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group            | Materials or Products tested                        | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------|---|--|--|
| 4175 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Drape Coefficient  | IS 8357  |
| 4176 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Fabric Thickness   | IS 7702  |
| 4177 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Linear Density of thread removed from fabric   | ISO 7211-5   |
| 4178 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | No. of Threads (Ends/Picks)  | ASTM D3775   |
| 4179 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | No. of Threads (Ends/Picks)  | BSEN 1049-2  |
| 4180 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | No. of Threads (Ends/Picks)  | IS 1963  |
| 4181 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | No. of Threads (Ends/Picks)  | ISO 7211-2   |
| 4182 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Pilling Box Method   | IS 10971 : PART 1  |
| 4183 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Pilling Box Method   | ISO 12945-1  |
| 4184 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Pilling Resistance & Other Related Surface- Martindale Tester  | ASTM D4970   |
| 4185 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Seam Strength  | ASTM D1683   |
| 4186 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Standard Test Method For Breaking Force of Textile Fabrics (Strip Method)                                  | ASTM D5035-11  |
| 4187 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Surface Wetting- Spray Test  | ISO 4920   |
| 4188 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Tear strength - trouser leg method   | SATRA TM 30  |
| 4189 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Tensile Properties of Fabrics - Determination of Elongation - GRAB Method                                  | IS 1969 : Part 2   |
| 4190 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Tensile Properties of Fabrics - Determination of Elongation- Strip Method                                  | IS 1969 : Part 1   |
| 4191 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups | Tensile Properties of Fabrics - Determination of Maximum Force - GRAB Method                               | IS 1969 : Part 2   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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|------|-------------------------------|---|--|--|
| 4192 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Tensile Properties of Fabrics - Determination of Maximum Force- Strip Method                               | IS 1969 : Part 1   |
| 4193 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Water Repellency-Cone Test   | IS 7941  |
| 4194 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Water Repellency-Spray Test  | AATCC TM 22  |
| 4195 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Water Repellency-Spray Test  | IS 390   |
| 4196 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Yarn, Garments & Made ups | Seam Strength  | ISO 13935-2  |
| 4197 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Yarn, Garments & Made ups | Flammability   | ASTM D1230   |
| 4198 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Yarn, Garments & Made ups | Flammability   | IS 11871 : 1986 Method A & B   |
| 4199 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Standard Test Method For Elongation Of Textile Fabrics (Grab Test)   | ASTM D5034   |
| 4200 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)                                 | ASTM D4966   |
| 4201 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Determination of the abrasion resistance of fabrics by the Martindale method                               | ISO 12947-2  |
| 4202 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Hydraulic Method for Determination of Bursting Strength and Bursting Distension                            | IS 1966 : Part 1   |
| 4203 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Methods for Determination Abrasion Resistance  | IS 12673 (Part 1 to 4) :   |
| 4204 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Standard Test Method For Breaking Strength of Textile Fabrics (Grab Test)                                  | ASTM D5034   |
| 4205 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Standard Test Method For Elongation of Textile Fabrics (Strip Method)                                      | ASTM D5035-11  |
| 4206 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Length   | ASTM D3774   |
| 4207 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven, Nonwoven, Garments & Made ups       | Length   | IS 1954  |



# National Accreditation Board for Testing and Calibration Laboratories

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|------|-------------------------------|--|--|--|
| 4208 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Length   | ISO 22198  |
| 4209 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Length   | ASTM D 3773-10   |
| 4210 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Width  | ASTM D3774   |
| 4211 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Width  | IS 1954  |
| 4212 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Width  | ISO 22198  |
| 4213 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Width  | ASTM D 3773-10   |
| 4214 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Determination of Bursting Strength   | IS 7016-6  |
| 4215 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Mass Per Unit Area (Weight)  | IS 1964  |
| 4216 | MECHANICAL- TEXTILE MATERIALS | Textile/Fabric Woven,Nonwoven, Garments & Made ups | Mass Per Unit Area (Weight)  | ISO 3801   |
| 4217 | MECHANICAL- TEXTILE MATERIALS | Wool & Wool Products-Tops                          | Fineness Grades of Wool  | IS 5910 : 1977 As per IS 744 : 2000  |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|---|-------------------------------|--|--|--|
| LOCATION 2 - B-140, PHASE 2, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA<br>Permanent Facility |                               |  |  |  |
| 1   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | " Cl. 7.1.1 First procedure "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 2   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Case Stress at high Ambient Temperature (Battery) Clause No: 7.2.2"                                       | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 3   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl. 5 General Safety Considerations "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 4   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl. 5.1 General "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 5   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl. 7.1.2 Second procedure "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 6   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl. 7.2 Intended use "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 7   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.2 Insulation & wiring "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 8   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.3 Venting "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 9   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.4 Temperature, voltage and current management "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 10  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.5 Terminal contacts "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 11  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.6 Assembly of cells into batteries "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 12  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.6.1 General "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 13  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.6.2 Design recommendation "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 14  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.6.3 Mechanical protection for cells and components of batteries "                                    | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 15  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.5.7 Quality plan "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 16  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.6 Type test and sample size "  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 17  | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Cl.8 Information for safety "   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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| S.No | Discipline / Group            | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------|--|--|--|
| 18   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Forced discharge (Cells) Clause No: 7.3.7"  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 19   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | "Thermal Abuse (Cells) Clause No: 7.3.4"   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 20   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Battery Marking Clause No: 9.2   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 21   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cell Marking Clause No: 9.1  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 22   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 10 Packaging and transport   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 23   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 7 Specific requirements and tests  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 24   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 7.1 Charging procedure for test purposes   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 25   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 7.3 foreseeable misuse Reasonably  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 26   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 8.1 General  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 27   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 8.2 Small cell and battery safety information  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 28   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl. 9.3 Caution for ingestion of small cells and batteries   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 29   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Cl.5.8 Battery safety components   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 30   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Continuous Charging at constant Voltage (cells) Clause No: 7.2.1   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 31   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Crush (Cells) Clause No: 7.3.5   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 32   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | External Short Circuit (Battery) Clause No: 7.3.2  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 33   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | External Short Circuit (Cell) Clause No: 7.3.1   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 34   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Free fall Clause No: 7.3.3   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 35   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Mechanical chock Clause No: 7.3.8.2  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| 36   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Mechanical tests (batteries) Clause No: 7.3.8  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 37   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Other Information Clause No. 9.4   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 38   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Over-charging of Battery Clause No: 7.3.6  | IS 16046 (Part 2):2018/IEC 62133-2:2017 :  |
| 39   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Over-charging of Battery Clause No: 7.3.6  | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 40   | ELECTRICAL- CELLS & BATTERIES | Lithium ion cell, Lithium ion polymer cell, Lithium ion Battery, Lithium ion polymer Battery | Vibration Clause No: 7.3.8.1   | IS 16046 (Part 2):2018/IEC 62133-2:2017  |
| 41   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Case Stress at high Ambient Temperature (batteries) Clause No: 7.2.3 "                                    | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 42   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cell Marking Clause No: 9.1 "   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 43   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl. 5.5 Terminal contacts "   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 44   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl. 7.0 Specific requirements and tests "   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 45   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl. 7.1 Charging procedure for test purposes "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 46   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5 General Safety Considerations "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 47   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5.1 General "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 48   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5.2 Insulation & wiring "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 49   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5.3 Venting "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 50   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.5.4 Temperature, voltage and current management "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 51   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Cl.7.3.9 Forced discharge (Cells) "   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 52   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Thermal Abuse (Cells) Clause No: 7.3.5"   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 53   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries   | "Vibration Clause No: 7.2.2 "  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| 54   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Battery Marking Clause No: 9.2   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 55   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Cl. 10 Packaging   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 56   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Cl. 5.6 Assembly of cells into batteries   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 57   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Cl. 5.7 Quality plan   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 58   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Cl. 6.0 Type test and sample size  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 59   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Cl. 8.1 General  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 60   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Cl. 8.2 Small cell and battery safety information  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 61   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Cl.7.3 Reasonably foreseeable misuse   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 62   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Cl.8 Information for safety  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 63   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Continuous low-rate charging (cells) Clause No:7.2.1   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 64   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Crushing of cells Clause No: 7.3.6   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 65   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | External Short Circuit Clause No: 7.3.2  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 66   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Free fall Clause No: 7.3.3   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 67   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Incorrect Installation (cells) Clause No: 7.3.1  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 68   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Intended use Clause No: 7.2,   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 69   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Low Pressure Clause No: 7.3.7  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 70   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Marking Clause No: 9   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 71   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Mechanical shock (Crash Hazard) Clause No: 7.3.4   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 72   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Other Information Clause No. 9.4   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |



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|------|-------------------------------|--------------------------------|---|--|
| 73   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Overcharge Clause No: 7.3.8   | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 74   | ELECTRICAL- CELLS & BATTERIES | Nickel cells, Nickel batteries | Temperature Cycling Clause No: 7.2.4  | IS 16046 (Part 1): 2018/IEC 62133-1:2017   |
| 75   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | General Requirements Cl.5.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 76   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | Fault condition Cl.11   | "IS 616:2017 IEC 60065 : 2014 "  |
| 77   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Antenna coaxial Sockets mounted on the apparatus Cl.12.5 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 78   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Clearances Cl.13.3,13.3.1, 13.3.2 & 13.3.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 79   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Construction requirement with regard to the protection against electric shock Cl.8, Cl.8.1 "                         | "IS 616:2017 IEC 60065 : 2014 "  |
| 80   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Creepage Distances Cl.13.4 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 81   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Determination of working Voltage Cl.13.2 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 82   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Drawer Cl.12.4 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 83   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Drop Test Cl.12.1.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 84   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Electric shock hazard under normal operating conditions Cl.9 ,Cl.9.1, Cl.9.1.1, Cl.9.1.1.1, Cl.9.1.1.2, Cl.9.1.1.3 " | "IS 616:2017 IEC 60065 : 2014 "  |
| 85   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Electric shock hazardous Cl.8.8,Cl.8.9, Cl.8.10,Cl.8.11 & Cl.8.12 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 86   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Enclosed and sealed parts Cl.13.7, Cl.13.8 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 87   | ELECTRONICS- AUDIO EQUIPMENT  | Amplifiers                     | "Endurance test for wound components with insulated winding wires without additional interleaved insulation Cl.8.17 " | "IS 616:2017 IEC 60065 : 2014 "  |



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| 88   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "External flexible cord Cl: 16, Cl.16.1, Cl.16.2, Cl.16.3, Cl.16.4, Cl.16.5, Cl.16.6, Cl.16.7 "            | "IS 616:2017 IEC 60065 : 2014 "  |
| 89   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Humidity Test Clause No: 10.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 90   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Hygroscopic materials. Cl.8.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 91   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Impact Test Cl.12.1.4 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 92   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Insulation Resistance Clause No: 10.4, Cl.10.4.1, Cl.10.4.2"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 93   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Jointed Insulation Cl.13.6 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 94   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Measurement of transient Voltages Cl.13.3.4 a "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 95   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Measurement of transient Voltages Cl.13.3.4 b "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 96   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Mechanical strength Cl.12 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 97   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Plug & Sockets Cl.15.1, Cl.15.1.1, Cl.15.1.2, Cl.15.1.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 98   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Pre-set control Clause No: 9.1.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 99   | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Printed Boards Cl.13.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 100  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Provisions for protective earthing Cl.15.2 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 101  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Remote Control Devices held in hand Cl.12.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 102  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Stability and mechanical hazards Cl.19 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 103  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Stress relief Test Cl.12.1.6 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 104  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Terminals Cl.15 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 105  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Wall or ceiling mounting means Cl.19.7 "  | "IS 616:2017 IEC 60065 : 2014 "  |



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| 106  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | "Withdrawal of mains plug Clause No: 9.1.6 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 107  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Apparatus containing coin/Button Cell Batteries Cl.12.7  | "IS 616:2017 IEC 60065 : 2014 "  |
| 108  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Bump Test Cl.12. 1.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 109  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Caution Marking Cl.5.4   | "IS 616:2017 IEC 60065 : 2014 "  |
| 110  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Clearance & Creepage distances Cl: 13, & Cl.13.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 111  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Compliance Cl. 12.7.4  | "IS 616:2017 IEC 60065 : 2014 "  |
| 112  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Construction Requirements Cl. 12.7.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 113  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Device forming a part of the mains plug Cl. 15.4, Cl. 15.4.1, Cl. 15.4.2, Cl. 15.4.3                       | "IS 616:2017 IEC 60065 : 2014 "  |
| 114  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Disconnection from the mains Cl.8.18 , Cl.8.19 & Cl.8.20   | "IS 616:2017 IEC 60065 : 2014 "  |
| 115  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17, Cl.17.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 116  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17.2  | "IS 616:2017 IEC 60065 : 2014 "  |
| 117  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 118  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17.4,Cl.17.5, Cl.17.6   | "IS 616:2017 IEC 60065 : 2014 "  |
| 119  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric connection and Mechanical Fixing Cl.17.7,Cl.17.8, Cl.17.9   | "IS 616:2017 IEC 60065 : 2014 "  |
| 120  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric shock hazard Cl.11.1  | "IS 616:2017 IEC 60065 : 2014 "  |
| 121  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric shock hazardous Cl.8.13,Cl.8.14, Cl.8.15 & Cl.8.16  | "IS 616:2017 IEC 60065 : 2014 "  |
| 122  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electric shock hazardous Cl.8.4, Cl.8.5, Cl.8.6 & Cl. 8.7  | "IS 616:2017 IEC 60065 : 2014 "  |



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| 123  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Electrical components and mechanical parts Cl.20.2, Cl.20.2.1, Cl.20.2.2, Cl.20.2.3, Cl.20.2.4, Cl.20.2.5          | "IS 616:2017 IEC 60065 : 2014"   |
| 124  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Fire Enclosure Cl.20.3, Cl.20.3.1, Cl.20.3.2, Cl.20.3.3,   | "IS 616:2017 IEC 60065 : 2014"   |
| 125  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Fixing of actuating elements Cl.12.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 126  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Fragmentation test Cl.19.6.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 127  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Frequencies Cl.10.1  | "IS 616:2017 IEC 60065 : 2014"   |
| 128  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | General Cl. 12.7.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 129  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Heat resistance of insulating material Cl.7.2  | "IS 616:2017 IEC 60065 : 2014"   |
| 130  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Heating test Cl.11.2, Cl.11.2.1, Cl.11.2.2, Cl.11.2.3, Cl.11.2.4, Cl.11.2.5, Cl.11.2.6, Cl.11.2.7, Cl.11.2.8       | "IS 616:2017 IEC 60065 : 2014"   |
| 131  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Heating under normal operating conditions Cl.7, Cl.7.1, Cl.7.1.1, Cl.7.1.2, Cl.7.1.3, Cl.7.1.4, Cl.7.1.5, Cl.7.1.6 | "IS 616:2017 IEC 60065 : 2014"   |
| 132  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Horizontal force test Cl.19.4  | "IS 616:2017 IEC 60065 : 2014"   |
| 133  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Identification and supply ratings Cl.5.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 134  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Instructions Cl.5.5, Cl.5.5.1, Cl.5.5.2, Cl.5.5.3  | "IS 616:2017 IEC 60065 : 2014"   |
| 135  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Insulation requirements Cl.10  | "IS 616:2017 IEC 60065 : 2014"   |
| 136  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Marking & Instructions Cl.5  | "IS 616:2017 IEC 60065 : 2014"   |
| 137  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Mechanical strength of glass Cl.19.6   | "IS 616:2017 IEC 60065 : 2014"   |
| 138  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Opening of the enclosure Clause No: 9.1.3  | "IS 616:2017 IEC 60065 : 2014"   |



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| 139  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Operations by Hand Cl.8.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 140  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Removal of protective covers Cl.9.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 141  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Requirements Cl.12.1.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 142  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Requirements Cl.19.6.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 143  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Requirements Cl.20.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 144  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Requirements& Test Method Cl.19.7.1, Cl.19.7.2, Cl.19.7.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 145  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Resistance to external forces Clause No: 9.1.7   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 146  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Resistance to fire Cl.20   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 147  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Shafts of operating knobs, Handles, Levers and the like Clause No: 9.1.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 148  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Stability requirements Cl.19.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 149  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Surge test Cl.10.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 150  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Telescoping or rod antennas Cl.12.6, Cl.12.6.1, Cl.12.6.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 151  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Terminals Clause No: 9.1.4   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 152  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Terminals Cl.5.3   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 153  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Terminals for external flexible cords and for permanent connection to the mains Cl.15.3, Cl.15.3.1, Cl.15.3.2, Cl.15.3.3, Cl.15.3.4, Cl.15.3.5, Cl.15.3.6, Cl.15.3.7, Cl.15.3.8, Cl.15.3.9 | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 154  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Test at 10° to the horizontal Cl.19.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 155  | ELECTRONICS- AUDIO EQUIPMENT | Amplifiers                   | Test of edges and corners Cl.19.5  | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| 156  | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers   | Test specifications of non-separable thin sheet material Cl.8.21   | "IS 616:2017 IEC 60065 : 2014 "   |
| 157  | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers   | Tests Cl. 12.7.3, Cl. 12.7.3.1, Cl 12.7.3.2, Cl. 12.7.3.3, Cl. 12.7.3.4, Cl. 12.7.3.5, Cl. 12.7.3.6              | "IS 616:2017 IEC 60065 : 2014 "   |
| 158  | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers   | Vertical force test Cl.19.3  | "IS 616:2017 IEC 60065 : 2014 "   |
| 159  | ELECTRONICS- AUDIO EQUIPMENT                              | Amplifiers   | Vibration Test Cl.12.1.3   | "IS 616:2017 IEC 60065 : 2014 "   |
| 160  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 161  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " |
| 162  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 163  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 164  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "AC Power Distribution System Cl.1.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "AC Power Distribution System Cl.1.6.1 "   |



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| 165  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3, Cl.4.3.4 & Cl.4.3.5 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3, Cl.4.3.4 & Cl.4.3.5 " |
| 166  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 167  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                  |
| 168  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 169  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 170  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 171  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 172  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Clearances & General Cl.2.10.3 & 2.10.3.1 "  |
| 173  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-6319 **Page No** 366 of 568

**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed                            | Test Method Specification against which tests are performed and / or the techniques / equipment used   |
|------|---|--|---|--|
| 174  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 175  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 176  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 177  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 178  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Components Cl.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 179  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 180  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 181  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Connection to a.c. & d.c. mains supply, Cl3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 182  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Connection to cable distribution system,& General Cl.7,& Cl.7.1 " |
| 183  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-6319  | <b>Page No</b>         | 367 of 568 |
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|------|---|--|---|--|
| 184  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 185  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 186  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 187  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Cord guards Cl.3.2.8 "   |
| 188  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , " |
| 189  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "                 |
| 190  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Determination of working voltage Cl.2.10.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Determination of working voltage Cl.2.10.2 "   |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---|--|--|---|
| 191  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Direct plug-in equipment Cl.4.3.6 "   |
| 192  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 193  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 " |
| 194  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Drop Test Cl.4.2.6 "  |
| 195  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 196  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---|--|---|--|
| 197  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electric Strength test Cl.2.10.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electric Strength test Cl.2.10.8.3 "   |
| 198  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electric Strength Test Cl.2.8.7.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 199  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  |
| 200  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " |
| 201  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 202  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Enclosed and sealed parts Cl.2.10.12 "   |
| 203  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 204  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Faults Not simulated in 5.3.7 Cl.2.7.2 "   |



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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used           |
|------|---|--|---|--|
| 205  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 206  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Functional Insulation Cl.5.3.4 " |
| 207  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "General Cl.2.10.2.1 "            |
| 208  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 209  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Grade of insulation Cl.2.9.3 "   |
| 210  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 211  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 212  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 213  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |



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|------|---|--|--|---|
| 214  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 215  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Input Test Cl.1.6.2 "   |
| 216  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 217  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " |
| 218  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Insulation of conductors Cl.3.1.4 "   |
| 219  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 220  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used   |
|------|---|--|--|--|
| 221  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, " |
| 222  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Limited power sources Cl.2.5, "                                    |
| 223  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 224  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 225  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 226  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 227  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 228  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---|--|---|--|
| 229  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 230  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Materials for fire enclosure Cl.4.7.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Materials for fire enclosure Cl.4.7.3.2 " |
| 231  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 232  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 233  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Mechanical actuators Cl.2.8.8 "           |
| 234  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 235  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Minimum Creepage Distances Cl.2.10.4.3 "  |
| 236  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Moving Parts Cl.2.8.5 "                      |
| 237  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---|--|--|--|
| 238  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 239  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "          |
| 240  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 241  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Permanently connected equipment Cl.3.2.3 "                                       |
| 242  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 243  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 244  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 245  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 " |



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|------|---|--|---|---|
| 246  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 247  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection against mechanical damage Cl3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Protection against mechanical damage Cl3.2.7 " |
| 248  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection by several devices Cl.2.7.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 249  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection from electric shock and energy hazards Cl.2.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 250  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection from hazardous Voltages Cl.6.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 251  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection from Hazards Cl. 2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 252  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 253  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 254  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---|--|---|--|
| 255  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 256  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 257  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 " |
| 258  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 259  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protection Requirements Cl.2.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Protection Requirements Cl.2.8.2 "   |
| 260  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 261  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Protective Earthing. Cl.2.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 262  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Provisions for Earthing and Bonding Cl.2.6, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---|--|--|---|
| 263  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 264  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 265  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13,& Cl.1.7.14 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13,& Cl.1.7.14 "                                 |
| 266  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 267  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Resistance to fire Cl.4.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 268  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 269  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 " |



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## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-6319  | <b>Page No</b>         | 378 of 568 |
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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used  |
|------|---|--|--|---|
| 270  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 271  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 272  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 273  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 274  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Simulation of Faults Cl.5.3.7 "   |
| 275  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 276  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "                                  |
| 277  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Steady state test and compliance criteria Cl.6.2.2.2 & cl.6.2.2.3 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 278  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used   |
|------|---|--|--|--|
| 279  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Supply wiring spaces Cl.3.2.9 "  |
| 280  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Temperature rise of a winding (Annex E)   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 281  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 282  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 283  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 " |
| 284  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 "                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 285  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Thermal Conditioning Cl.2.10.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 286  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Thermal conditioning Cl.2.10.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 287  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used                          |
|------|---|--|---|---|
| 288  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 289  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "TNV Circuits Cl.2.3.Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 290  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Transformer Cl.5.3.3 & Annex C.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Transformer Cl.5.3.3 & Annex C.1 "              |
| 291  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 292  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Unattended Equipment Cl.5.3.8 "                 |
| 293  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Voltage limit of hand-held Equipment Cl.1.6.3 " |
| 294  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 295  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Wall or ceiling mounted equipment Cl.4.2.10 "   |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used   |
|------|---|--|---|--|
| 296  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 297  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 298  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 299  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 300  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " |
| 301  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 302  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 303  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Annex DD Requirement for mounting wheels of rack mounted equipment  |



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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used  |
|------|---|--|--|---|
| 304  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 305  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Battery Compartments Cl.2.1.1.2  |
| 306  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 307  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 308  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 309  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 310  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 311  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 312  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 313  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product. | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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| S.No | Discipline / Group  | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used                           |
|------|---|---|--|--|
| 314  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product.  | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Impulse Test Cl.7.4.3                             |
| 315  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product.  | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Number and location of protective device Cl.2.7.4 |
| 316  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product.  | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 317  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product.  | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 318  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product   | Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3                    | IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013":   |
| 319  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Ceiling Fan   | Fan speed & power input  | IS 374   |
| 320  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Desk Top Computers/ Notebook Computers  | Power Measurement in Off Mode, Sleep Mode, Idle state  | IEC 62301  |
| 321  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Domestic Electronic Appliances & Accessories: (e.g. Ceiling Fan   | Air delivery   | IS 374   |
| 322  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Domestic Electronic Appliances & Accessories: (e.g. Television, Desktop Computer, Laptop, External Power Adapter, Battery Charger, Audio Equipment, Combination Units (TV & DVD, VCR & DVD), Office Equipments (Printers, Scanners, Copiers, Fax Machines and Multi Function Devices) | Stand-By Power   | IEC 62301  |
| 323  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Domestic Electronic Appliances & Accessories: (e.g. Television, Desktop Computer, Laptop, External Power Adapter, Battery Charger, Audio Equipment, Combination Units (TV & DVD, VCR & DVD), Office Equipments (Printers, Scanners, Copiers, Fax Machines and Multi Function Devices) | Stand-By Power   | IEC 62301 and BEE Schedule No:11   |



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| 324  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Domestic Electronic Appliances & Accessories: (e.g. Television, Desktop Computer, Laptop, External Power Adapter, Battery Charger, Audio Equipment, Combination Units (TV & DVD, VCR & DVD), Office Equipments (Printers, Scanners, Copiers, Fax Machines and Multi Function Devices) | Stand-By Power   | IEC 62301 and BEE Schedule No:11   |
| 325  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Household microwave ovens   | Energy consumption for the Microwave Function Clause 14  | IEC 60705+A1:2014 edition 4.1 2014-06+A2:2018 IEC 60350-1 IEC 60350-2                                |
| 326  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Household microwave ovens   | Microwave Function Efficiency Clause 9   | IEC 60705+A1:2014 edition 4.1 2014-06+A2:2018  |
| 327  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Household microwave ovens   | Microwave Power Output Clause 8  | IEC 60705+A1:2014 edition 4.1 2014-06+A2:2018  |
| 328  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Household microwave ovens   | Standby Power Consumption Clause 15  | IEC 62301 IEC 60705+A1:2014 edition 4.1 2014-06+A2:2018  |
| 329  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components   | Fault condition Cl.11  | "IS 616:2017 IEC 60065 : 2014 "  |
| 330  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components   | "Antenna coaxial Sockets mounted on the apparatus Cl.12.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 331  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components   | "Clearances Cl.13.3,13.3.1, 13.3.2 & 13.3.3 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 332  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components   | "Construction requirement with regard to the protection against electric shock Cl.8, Cl.8.1 "              | "IS 616:2017 IEC 60065 : 2014 "  |
| 333  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components   | "Creepage Distances Cl.13.4 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 334  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components   | "Drawer Cl.12.4 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 335  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components   | "Drop Test Cl.12.1.5 "   | "IS 616:2017 IEC 60065 : 2014 "  |



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|------|---|-------------------------------------|---|--|
| 336  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Electric shock hazard under normal operating conditions Cl.9 ,Cl.9.1, Cl.9.1.1, Cl.9.1.1.1, Cl.9.1.1.2, Cl.9.1.1.3 " | "IS 616:2017 IEC 60065 : 2014 "  |
| 337  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Electric shock hazardous Cl.8.8,Cl.8.9, Cl.8.10,Cl.8.11 & Cl.8.12 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 338  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Enclosed and sealed parts Cl.13.7, Cl.13.8 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 339  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Endurance test for wound components with insulated winding wires without additional interleaved insulation Cl.8.17 " | "IS 616:2017 IEC 60065 : 2014 "  |
| 340  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "External flexible cord Cl: 16, Cl.16.1, Cl.16.2, Cl.16.3, Cl.16.4, Cl.16.5, Cl.16.6, Cl.16.7 "                       | "IS 616:2017 IEC 60065 : 2014 "  |
| 341  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Humidity Test Clause No: 10.3 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 342  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Hygroscopic materials. Cl.8.3 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 343  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Impact Test Cl.12.1.4 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 344  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Insulation Resistance Clause No: 10.4, Cl.10.4.1, Cl.10.4.2"   | "IS 616:2017 IEC 60065 : 2014 "  |
| 345  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Jointed Insulation Cl.13.6 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 346  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Measurement of transient Voltages Cl.13.3.4 a "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 347  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Measurement of transient Voltages Cl.13.3.4 b "  | "IS 616:2017 IEC 60065 : 2014 "  |



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|------|---|-------------------------------------|--|--|
| 348  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Mechanical strength Cl.12 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 349  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Plug & Sockets Cl.15.1, Cl.15.1.1, Cl.15.1.2, Cl.15.1.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 350  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Pre-set control Clause No: 9.1.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 351  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Printed Boards Cl.13.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 352  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Provisions for protective earthing Cl.15.2 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 353  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Remote Control Devices held in hand Cl.12.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 354  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Stability and mechanical hazards Cl.19 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 355  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Stress relief Test Cl.12.1.6 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 356  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Terminals Cl.15 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 357  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Wall or ceiling mounting means Cl.19.7 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 358  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Withdrawal of mains plug Clause No: 9.1.6 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 359  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | "Withdrawal of mains plug Clause No: 9.1.6 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 360  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Apparatus containing coin/Button Cell Batteries Cl.12.7  | "IS 616:2017 IEC 60065 : 2014 "  |
| 361  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Bump Test Cl.12. 1.2   | "IS 616:2017 IEC 60065 : 2014 "  |



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| 362  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Caution Marking Cl.5.4   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 363  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Clearance & Creepage distances Cl: 13, & Cl.13.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 364  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Complete apparatus Cl.12.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 365  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Compliance Cl. 12.7.4  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 366  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Construction Requirements Cl. 12.7.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 367  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Device forming a part of the mains plug Cl. 15.4, Cl. 15.4.1, Cl. 15.4.2, Cl. 15.4.3                       | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 368  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Disconnection from the mains Cl.8.18 , Cl.8.19 & Cl.8.20   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 369  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electric connection and Mechanical Fixing Cl.17, Cl.17.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 370  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electric connection and Mechanical Fixing Cl.17.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 371  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electric connection and Mechanical Fixing Cl.17.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 372  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electric connection and Mechanical Fixing Cl.17.4,Cl.17.5, Cl.17.6   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 373  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electric connection and Mechanical Fixing Cl.17.7,Cl.17.8, Cl.17.9   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 374  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electric shock hazard Cl.11.1  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 375  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electric shock hazardous Cl.8.13,Cl.8.14, Cl.8.15 & Cl.8.16  | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| 376  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electric shock hazardous Cl.8.4, Cl.8.5, Cl.8.6 & Cl. 8.7  | "IS 616:2017 IEC 60065 : 2014"   |
| 377  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Electrical components and mechanical parts Cl.20.2, Cl.20.2.1, Cl.20.2.2, Cl.20.2.3, Cl.20.2.4, Cl.20.2.5          | "IS 616:2017 IEC 60065 : 2014"   |
| 378  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Fire Enclosure Cl.20.3, Cl.20.3.1, Cl.20.3.2, Cl.20.3.3,   | "IS 616:2017 IEC 60065 : 2014"   |
| 379  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Fixing of actuating elements Cl.12.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 380  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Fragmentation test Cl.19.6.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 381  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Frequencies Cl.10.1  | "IS 616:2017 IEC 60065 : 2014"   |
| 382  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | General Cl. 12.7.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 383  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | General Requirements Cl.5.1  | "IS 616:2017 IEC 60065 : 2014"   |
| 384  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Heat resistance of insulating material Cl.7.2  | "IS 616:2017 IEC 60065 : 2014"   |
| 385  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Heating test Cl.11.2, Cl.11.2.1, Cl.11.2.2, Cl.11.2.3, Cl.11.2.4, Cl.11.2.5, Cl.11.2.6, Cl.11.2.7, Cl.11.2.8       | "IS 616:2017 IEC 60065 : 2014"   |
| 386  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Heating under normal operating conditions Cl.7, Cl.7.1, Cl.7.1.1, Cl.7.1.2, Cl.7.1.3, Cl.7.1.4, Cl.7.1.5, Cl.7.1.6 | "IS 616:2017 IEC 60065 : 2014"   |
| 387  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Horizontal force test Cl.19.4  | "IS 616:2017 IEC 60065 : 2014"   |



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| 388  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Identification and supply ratings Cl.5.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 389  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Instructions Cl.5.5, Cl.5.5.1, Cl.5.5.2, Cl.5.5.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 390  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Insulation requirements Cl.10  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 391  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Marking & Instructions Cl.5  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 392  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Mechanical strength of glass Cl.19.6   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 393  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Opening of the enclosure Clause No: 9.1.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 394  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Operations by Hand Cl.8.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 395  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Removal of protective covers Cl.9.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 396  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Requirements Cl.12.1.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 397  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Requirements Cl.19.6.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 398  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Requirements Cl.20.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 399  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Requirements & Test Method Cl.19.7.1, Cl.19.7.2, Cl.19.7.3   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 400  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Resistance to external forces Clause No: 9.1.7   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 401  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Resistance to fire Cl.20   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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|                               |   |                        |            |
|-------------------------------|---|------------------------|------------|
| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM<br>BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group  | Materials or Products tested        | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|-------------------------------------|---|--|
| 402  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Shafts of operating knobs, Handles, Levers and the like<br>Clause No: 9.1.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 403  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Stability requirements Cl.19.1  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 404  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Surge test Cl.10.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 405  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Telescoping or rod antennas<br>Cl.12.6, Cl.12.6.1, Cl.12.6.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 406  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Terminals Clause No: 9.1.4  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 407  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Terminals Cl.5.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 408  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Terminals for external flexible cords and for permanent connection to the mains<br>Cl.15.3, Cl.15.3.1, Cl.15.3.2, Cl.15.3.3, Cl.15.3.4, Cl.15.3.5, Cl.15.3.6, Cl.15.3.7, Cl.15.3.8, Cl.15.3.9 | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 409  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Test at 10° to the horizontal<br>Cl.19.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 410  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Test of edges and corners<br>Cl.19.5  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 411  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Test specifications of non-separable thin sheet material<br>Cl.8.21   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 412  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Tests Cl. 12.7.3, Cl. 12.7.3.1, Cl. 12.7.3.2, Cl. 12.7.3.3, Cl. 12.7.3.4, Cl. 12.7.3.5, Cl. 12.7.3.6  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 413  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components | Vertical force test Cl.19.3   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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|------|---|--|--|--|
| 414  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LCD/LED Display/TV & its components  | Vibration Test Cl.12.1.3   | "IS 616:2017 IEC 60065 : 2014 "  |
| 415  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LED Display / TV   | Luminance  | Cl.4 of BEE schedule 26 , Cl.6.5, IEC 62087-3  |
| 416  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LED Display / TV   | Luminance  | Cl.4 of BEE Schedule 26, Cl.5.1.7, IEC 62087-1   |
| 417  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LED Display / TV   | Measurement of power consumption in Off mode   | CL.4 of BEE schedule 26 , Cl6.6, Cl6.7 of IEC 62087-3  |
| 418  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LED Display / TV   | ON Mode Power consumption  | BEE schedule 26 , Cl.6.4, IEC 62087-3  |
| 419  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LED Display / TV   | ON Mode Power consumption  | Cl.4 of BEE schedule 26 , Cl.6.4, IEC 62087-1  |
| 420  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LED Display / TV   | Standby Mode Power Consumption   | Cl.4 of BEE schedule 26 , Cl.5.3, IEC 62087-3  |
| 421  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | LED Display/ TV  | Measurement of Power consumption in Partial on mode  | Cl 4 of BEE Schedule 26, Cl 6.6, Cl 6.7 of IEC 62087-3:  |
| 422  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Fault condition Cl.11  | "IS 616:2017 IEC 60065 : 2014 "  |
| 423  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Antenna coaxial Sockets mounted on the apparatus Cl.12.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |



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| 424  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Clearances Cl.13.3,13.3.1, 13.3.2 & 13.3.3 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 425  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Construction requirement with regard to the protection against electric shock Cl.8, Cl.8.1 "              | "IS 616:2017 IEC 60065 : 2014 "  |
| 426  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Creepage Distances Cl.13.4 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 427  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Determination of working Voltage Cl.13.2 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 428  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Drawer Cl.12.4 "  | "IS 616:2017 IEC 60065 : 2014 "  |



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| 429  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Drop Test Cl.12.1.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 430  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Electric shock hazard under normal operating conditions Cl.9 ,Cl.9.1, Cl.9.1.1, Cl.9.1.1.1, Cl.9.1.1.2, Cl.9.1.1.3 " | "IS 616:2017 IEC 60065 : 2014 "  |
| 431  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Electric shock hazardous Cl.8.8,Cl.8.9, Cl.8.10,Cl.8.11 & Cl.8.12 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 432  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Enclosed and sealed parts Cl.13.7, Cl.13.8 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 433  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Endurance test for wound components with insulated winding wires without additional interleaved insulation Cl.8.17 " | "IS 616:2017 IEC 60065 : 2014 "  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|---|--|--|--|
| 434  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "External flexible cord Cl: 16, Cl.16.1, Cl.16.2, Cl.16.3, Cl.16.4, Cl.16.5, Cl.16.6, Cl.16.7 "            | "IS 616:2017 IEC 60065 : 2014 "  |
| 435  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Humidity Test Clause No: 10.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 436  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Humidity Test Clause No: 10.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 437  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Hygroscopic materials. Cl.8.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 438  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Impact Test Cl.12.1.4 "   | "IS 616:2017 IEC 60065 : 2014 "  |



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|------|---|--|--|--|
| 439  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Insulation Resistance Clause No: 10.4, CI.10.4.1, CI.10.4.2"  | "IS 616:2017 IEC 60065 : 2014 "  |
| 440  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Jointed Insulation CI.13.6 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 441  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Measurement of transient Voltages CI.13.3.4 a "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 442  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Measurement of transient Voltages CI.13.3.4 b "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 443  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Mechanical strength CI.12 "   | "IS 616:2017 IEC 60065 : 2014 "  |



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| 444  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Plug & Sockets Cl.15.1, Cl.15.1.1, Cl.15.1.2, Cl.15.1.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 445  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Pre-set control Clause No: 9.1.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 446  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Printed Boards Cl.13.5 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 447  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Provisions for protective earthing Cl.15.2 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 448  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Remote Control Devices held in hand Cl.12.3 "   | "IS 616:2017 IEC 60065 : 2014 "  |



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| 449  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Stability and mechanical hazards Cl.19 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 450  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Stress relief Test Cl.12.1.6 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 451  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Terminals Cl.15 "   | "IS 616:2017 IEC 60065 : 2014 "  |
| 452  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Wall or ceiling mounting means Cl.19.7 "  | "IS 616:2017 IEC 60065 : 2014 "  |
| 453  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | "Withdrawal of mains plug Clause No: 9.1.6 "   | "IS 616:2017 IEC 60065 : 2014 "  |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 454  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Apparatus containing coin/Button Cell Batteries Cl.12.7  | "IS 616:2017 IEC 60065 : 2014 "  |
| 455  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Bump Test Cl.12. 1.2   | "IS 616:2017 IEC 60065 : 2014 "  |
| 456  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Caution Marking Cl.5.4   | "IS 616:2017 IEC 60065 : 2014 "  |
| 457  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Clearance & Creepage distances Cl: 13, & Cl.13.1   | "IS 616:2017 IEC 60065 : 2014 "  |
| 458  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Complete apparatus Cl.12.1   | "IS 616:2017 IEC 60065 : 2014 "  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017  |                        |            |
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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 459  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Compliance Cl. 12.7.4  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 460  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Construction Requirements Cl. 12.7.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 461  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Device forming a part of the mains plug Cl. 15.4, Cl. 15.4.1, Cl. 15.4.2, Cl. 15.4.3                       | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 462  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Disconnection from the mains Cl.8.18 , Cl.8.19 & Cl.8.20   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 463  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17, Cl.17.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| 464  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17.2  | "IS 616:2017 IEC 60065 : 2014"   |
| 465  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17.3  | "IS 616:2017 IEC 60065 : 2014"   |
| 466  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17.4, Cl.17.5, Cl.17.6  | "IS 616:2017 IEC 60065 : 2014"   |
| 467  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric connection and Mechanical Fixing Cl.17.7, Cl.17.8, Cl.17.9  | "IS 616:2017 IEC 60065 : 2014"   |
| 468  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric shock hazard Cl.11.1  | "IS 616:2017 IEC 60065 : 2014"   |



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| 469  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric shock hazardous Cl.8.13, Cl.8.14, Cl.8.15 & Cl.8.16   | "IS 616:2017 IEC 60065 : 2014"   |
| 470  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electric shock hazardous Cl.8.4, Cl.8.5, Cl.8.6 & Cl. 8.7  | "IS 616:2017 IEC 60065 : 2014"   |
| 471  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Electrical components and mechanical parts Cl.20.2, Cl.20.2.1, Cl.20.2.2, Cl.20.2.3, Cl.20.2.4, Cl.20.2.5  | "IS 616:2017 IEC 60065 : 2014"   |
| 472  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Fire Enclosure Cl.20.3, Cl.20.3.1, Cl.20.3.2, Cl.20.3.3,   | "IS 616:2017 IEC 60065 : 2014"   |
| 473  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Fixing of actuating elements Cl.12.2   | "IS 616:2017 IEC 60065 : 2014"   |



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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 474  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Fragmentation test Cl.19.6.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 475  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Frequencies Cl.10.1  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 476  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | General Cl. 12.7.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 477  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | General Requirements Cl.5.1  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 478  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Heat resistance of insulating material Cl.7.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed         | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 479  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Heating test Cl.11.2, Cl.11.2.1, Cl.11.2.2, Cl.11.2.3, Cl.11.2.4, Cl.11.2.5, Cl.11.2.6, Cl.11.2.7, Cl.11.2.8       | "IS 616:2017 IEC 60065 : 2014"   |
| 480  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Heating under normal operating conditions Cl.7, Cl.7.1, Cl.7.1.1, Cl.7.1.2, Cl.7.1.3, Cl.7.1.4, Cl.7.1.5, Cl.7.1.6 | "IS 616:2017 IEC 60065 : 2014"   |
| 481  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Horizontal force test Cl.19.4  | "IS 616:2017 IEC 60065 : 2014"   |
| 482  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Identification and supply ratings Cl.5.2   | "IS 616:2017 IEC 60065 : 2014"   |
| 483  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Instructions Cl.5.5, Cl.5.5.1, Cl.5.5.2, Cl.5.5.3  | "IS 616:2017 IEC 60065 : 2014"   |



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BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
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| 484  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Insulation requirements Cl.10  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 485  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Marking & Instructions Cl.5  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 486  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Mechanical strength of glass Cl.19.6   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 487  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Opening of the enclosure Clause No: 9.1.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 488  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Operations by Hand Cl.8.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| 489  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Removal of protective covers Cl.9.2  | "IS 616:2017 IEC 60065 : 2014"   |
| 490  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Requirements Cl.12.1.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 491  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Requirements Cl.19.6.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 492  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Requirements Cl.20.1   | "IS 616:2017 IEC 60065 : 2014"   |
| 493  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Requirements & Test Method Cl.19.7.1, Cl.19.7.2, Cl.19.7.3   | "IS 616:2017 IEC 60065 : 2014"   |



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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 494  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Resistance to external forces<br>Clause No: 9.1.7  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 495  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Resistance to fire Cl.20   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 496  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Shafts of operating knobs, Handles, Levers and the like<br>Clause No: 9.1.2                                | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 497  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Stability requirements Cl.19.1   | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 498  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Surge test Cl.10.2   | "IS 616:2017 IEC 60065 : 2014<br>"   |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|---|--|
| 499  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Telescoping or rod antennas<br>Cl.12.6, Cl.12.6.1, Cl.12.6.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 500  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Terminals Clause No: 9.1.4  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 501  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Terminals Cl.5.3  | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 502  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Terminals for external flexible cords and for permanent connection to the mains<br>Cl.15.3, Cl.15.3.1, Cl.15.3.2, Cl.15.3.3, Cl.15.3.4, Cl.15.3.5, Cl.15.3.6, Cl.15.3.7, Cl.15.3.8, Cl.15.3.9 | "IS 616:2017 IEC 60065 : 2014<br>"   |
| 503  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Test at 10° to the horizontal<br>Cl.19.2  | "IS 616:2017 IEC 60065 : 2014<br>"   |



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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 504  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Test of edges and corners Cl.19.5  | "IS 616:2017 IEC 60065 : 2014 "  |
| 505  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Test specifications of non-separable thin sheet material Cl.8.21   | "IS 616:2017 IEC 60065 : 2014 "  |
| 506  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Tests Cl. 12.7.3, Cl. 12.7.3.1, Cl. 12.7.3.2, Cl. 12.7.3.3, Cl. 12.7.3.4, Cl. 12.7.3.5, Cl. 12.7.3.6       | "IS 616:2017 IEC 60065 : 2014 "  |
| 507  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Vertical force test Cl.19.3  | "IS 616:2017 IEC 60065 : 2014 "  |
| 508  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Receiving apparatus and amplifiers for sound and vision, independent load and source transducer, electronics musical instrument, audio or video educational apparatus, video projectors, video camera and video monitors, electronics gaming and Scoring machine, antenna signal converter, antenna positioner, record or disk player, tape players, recorders, public address systems and other product related to standard | Vibration Test Cl.12.1.3   | "IS 616:2017 IEC 60065 : 2014 "  |
| 509  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Television   | Luminance  | IEC 62087 and BEE Schedule No:11   |
| 510  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | Television   | Power Consumption  | IEC 62087  |



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|------|---|--|---|--|
| 511  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Abrasion resistance test Cl.2.10.8.4 "                   |
| 512  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 513  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Clearances & General Cl.2.10.3 & 2.10.3.1 "              |
| 514  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Clearances in circuits having starting pulses 2.10.3.5 " |
| 515  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 516  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 517  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 518  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---|--|--|---|
| 519  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Contact Gaps Cl.2.8.7.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 520  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 521  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Determination of working voltage Cl.2.10.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Determination of working voltage Cl.2.10.2 "  |
| 522  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 " |
| 523  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 524  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electric Strength test Cl.2.10.8.3 "  |
| 525  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 526  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Fail-safe Cl.2.8.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Fail-safe Cl.2.8.4 "  |



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## SCOPE OF ACCREDITATION

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|------|---|--|---|--|
| 527  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 528  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 529  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 530  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 531  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Grade of insulation Cl.2.9.3 "   |
| 532  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Inadvertent reactivation Cl.2.8.3 "  |
| 533  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components, & Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components, & Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " |
| 534  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
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|------|---|--|--|--|
| 535  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, " |
| 536  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, " |
| 537  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, " |
| 538  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 539  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 540  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 541  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Manual Controls Cl.2.1.1.6 "                                       |
| 542  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Measurement of transient voltages 2.10.3.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 543  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Mechanical actuators Cl.2.8.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used   |
|------|---|--|--|--|
| 544  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Minimum Creepage Distances Cl.2.10.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Minimum Creepage Distances Cl.2.10.4.3 "   |
| 545  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Moving Parts Cl.2.8.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Moving Parts Cl.2.8.5 "  |
| 546  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 547  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 " |
| 548  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Protection by several devices Cl.2.7.5 "   |
| 549  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection by several devices Cl.2.7.5 " "Warning To Service person Cl.2.7.6 "                            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 550  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Protection from electric shock and energy hazards Cl.2.1 "                       |
| 551  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection from Hazards Cl. 2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



# National Accreditation Board for Testing and Calibration Laboratories

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|                               |  |                        |            |
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| <b>Laboratory Name :</b>      | ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|--|--|--|
| 552  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 553  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 554  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protection Requirements Cl.2.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 555  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 556  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Protective Earthing. Cl.2.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 557  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 558  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 559  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13,& Cl.1.7.14 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used   |
|------|---|--|--|--|
| 560  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "                                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 " |
| 561  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "             |
| 562  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "       |
| 563  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 564  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 565  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "                             |
| 566  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Switches and relays Cl.2.8.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 567  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Terminals Cl.2.6.4 "   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| S.No | Discipline / Group  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used   |
|------|---|--|---|--|
| 568  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 569  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 570  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 571  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 572  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 573  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 " |
| 574  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 575  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | Basic Requirements Cl.2.7.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Basic Requirements Cl.2.7.1   |



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|------|---|---|--|--|
| 576  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 577  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 578  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 579  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 580  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Frequency Cl. 2.10.1.1                    |
| 581  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | Frequency Cl. 2.10.1.1 "Pollution Degrees Cl.2.10.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 582  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 583  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product  | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 584  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Data Ports additional equipments Cl.3.5.4 |
| 585  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group  | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---|---|---|--|
| 586  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 587  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 588  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 589  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 590  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 591  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 592  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 593  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Annex C & Annex E Transformer "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 594  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|-------------------------------|--|------------------------|------------|
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|------|---|---|---|---|
| 595  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 596  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 597  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 598  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 599  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Beads and ceramic insulators Cl.3.1.5 " |
| 600  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 601  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 602  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 603  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Connection to a.c. & d.c. mains supply, Cl3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 604  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---|---|--|--|
| 605  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Connection to telecommunication network Cl.6.0 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 606  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Cord anchorages and strain relief Test Cl.3.2.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 607  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Cord guards Cl.3.2.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 608  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 " |
| 609  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 610  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 611  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---|---|---|--|
| 612  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Durability Cl.1.7.11 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Durability Cl.1.7.11 " |
| 613  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 614  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 615  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 616  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 617  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 618  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 619  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|---|--|
| 620  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013                          |
| 621  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Impact Test Cl.4.2.5 " |
| 622  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 623  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Input Test Cl.1.6.2 "  |
| 624  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 625  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Insulation of conductors Cl.3.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 626  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|--|--|
| 627  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 628  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 629  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Material used in high-Voltage Components Cl.4.7.3.6 "  |
| 630  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 631  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 632  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Materials for fire enclosure Cl.4.7.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 633  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 634  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " |



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|------|---|---|--|--|
| 635  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Multiple supply connections Cl.3.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 636  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Neutral Conductor Cl.1.6.4 "               |
| 637  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 638  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Permanently connected equipment Cl.3.2.3 " |
| 639  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 640  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 641  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 642  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 643  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection against mechanical damage Cl.3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 644  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection from hazardous Voltages Cl.6.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---|---|---|--|
| 645  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 646  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 647  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 648  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 649  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 650  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 651  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Resistance to abnormal Heat Cl.4.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 652  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Resistance to fire Cl.4.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 653  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 "          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|---|--|--|
| 654  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |
| 655  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |
| 656  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Sleeving on wiring Cl.3.1.10 " |
| 657  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Steady state test and compliance criteria Cl.6.2.2.2 & cl.6.2.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |
| 658  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |
| 659  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |
| 660  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Temperature rise of a winding (Annex E)   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |
| 661  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |
| 662  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |
| 663  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Transformer Cl.5.3.3 & Annex C.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                 |



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|------|---|---|---|--|
| 664  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 665  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Voltage limit of hand-held Equipment Cl.1.6.3 "  |
| 666  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 667  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 668  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 669  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 670  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 " |
| 671  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---|---|---|--|
| 672  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 673  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 674  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 675  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | D.C. Power supply cords Cl.3.2.5.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 676  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | D.C. Power supply cords Cl.3.2.5.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 677  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 678  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Impulse test Cl.6.2.2.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 679  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Impulse Test Cl.7.4.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 680  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Motor Cl.5.3.2 & Annex B  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 681  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product. | Openings in enclosures Cl.4.6.1 & Cl.4.6.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---|--|---|--|
| 682  | ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product.  | Openings in enclosures Cl.4.6.1 & Cl.4.6.3  | IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                          |
| 683  | ELECTRONICS- IT EQUIPMENT                                 | Indian Languages Support for Mobile Phone Handset-Specific Requirement.  | Cl. No. 3.1 Indian Official Language Cl. No. 3.2 Third Indian Language Cl. No. 4 Requirement inbuilt capability to support the Indian official languages. Cl. No. 5 Tests Cl. No. 5.1 inputting of text Cl. No. 5.2 message readability Cl. No. 6 Marking | IS 16333 (Part-3)  |
| 684  | ELECTRONICS- IT EQUIPMENT                                 | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Data Ports additional equipments Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 685  | ELECTRONICS- IT EQUIPMENT                                 | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 686  | ELECTRONICS- IT EQUIPMENT                                 | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 687  | ELECTRONICS- IT EQUIPMENT                                 | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 688  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 689  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 690  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 691  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 692  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 693  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 694  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Annex B Motor test Under abnormal condition "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 695  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Annex C & Annex E Transformer "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 696  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 697  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Annex EE House Hold and Home /Office Document/ Media shredders "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Annex EE House Hold and Home /Office Document/ Media shredders " |





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|------|---------------------------|--|---|--|
| 702  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 703  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 704  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 705  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 706  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 707  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 708  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Component external terminations Cl.2.10.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 709  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Components Cl.1.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 710  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 711  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Conductor sizes to be connected Cl.3.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 712  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Connection to a.c. & d.c. mains supply, Cl3.2, Cl.3.2.1,& Cl.3.2..1.1,Cl.3.2.1.2 "                        | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 713  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 714  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Connection to telecommunication network Cl.6.0 " |
| 715  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Connection to telecommunication network Cl.6.0 " "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "                                     | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 716  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 717  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 718  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Cord guards Cl.3.2.8 "                           |
| 719  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| 720  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 721  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Determination of working voltage Cl.2.10.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 722  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 723  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 724  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group        | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used                        |
|------|---------------------------|--|--|---|
| 725  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 726  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 727  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 728  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 729  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 730  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 " |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| 731  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " |
| 732  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Electromechanical Components Cl.5.3.5 "  |
| 733  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 734  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 735  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 736  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---------------------------|--|---|--|
| 737  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Functional Insulation Cl.5.3.4 " |
| 738  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 739  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 740  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 741  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |
| 742  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                   |



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| 743  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Impact Test Cl.4.2.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Impact Test Cl.4.2.5 "              |
| 744  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Inadvertent reactivation Cl.2.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                      |
| 745  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                      |
| 746  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                      |
| 747  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                      |
| 748  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Insulation of conductors Cl.3.1.4 " |



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| 749  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 750  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 751  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 752  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 753  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Limited power sources Cl.2.5, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 754  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Mains Transient Voltages 2.10.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



# National Accreditation Board for Testing and Calibration Laboratories

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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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| 755  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Manual Controls Cl.2.1.1.6 " |
| 756  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                               |
| 757  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                               |
| 758  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                               |
| 759  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                               |
| 760  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                               |



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| 761  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Materials for fire enclosure Cl.4.7.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Materials for fire enclosure Cl.4.7.3.2 " |
| 762  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 763  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 764  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Mechanical actuators Cl.2.8.8 "           |
| 765  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 766  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| 767  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Moving Parts Cl.2.8.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 768  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Multiple supply connections Cl.3.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 769  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 770  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 771  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 772  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Over Load Test Cl.2.8.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 773  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Overriding Cl.2.8.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 774  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 775  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 776  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 777  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 778  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 779  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 780  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 781  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection against mechanical damage Cl3.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 782  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 783  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 784  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection from hazardous Voltages Cl.6.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 785  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection from Hazards Cl. 2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 786  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 787  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 788  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 789  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 790  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 791  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection of the telecommunication wiring system from overheating Cl.6.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 792  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protection Requirements Cl.2.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 793  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 794  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Protective Earthing. Cl.2.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 795  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 796  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 797  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Reducing the risk of ignition and spread of flame Cl.4.7.1 " |
| 798  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 799  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Resistance to abnormal Heat Cl.4.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 800  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Resistance to fire Cl.4.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 801  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 802  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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| 803  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 804  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 805  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 806  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 807  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 808  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 809  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 810  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 811  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 812  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 813  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 814  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Switches and relays Cl.2.8.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 815  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Temperature rise of a winding (Annex E)   | Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Monitors / VDUs/Modem AND Others "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 816  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 817  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 818  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   |
| 819  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8.& Cl.2.10.8.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 820  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Thermal Conditioning Cl.2.10.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Thermal Conditioning Cl.2.10.8.2 "   |



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| 821  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 822  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 823  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 824  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 825  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Transformer Cl.5.3.3 & Annex C.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 826  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 827  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 828  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 829  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 830  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 831  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 832  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 833  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring terminals for connection of external conductor Cl.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 834  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring terminals for connection of external conductor Cl.3.3 " "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 835  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3, Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4, Cl.1.7.9, Cl.1.7.10, " | Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Monitors / VDUs/Modem AND Others "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 836  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 837  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Adhesives for constructional purposes Cl.4.6.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 838  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Annex DD Requirement for mounting wheels of rack mounted equipment   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Annex DD Requirement for mounting wheels of rack mounted equipment  |



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| 839  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 840  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 841  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 842  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | D.C. Power supply cords Cl.3.2.5.2 "Cord anchorages and strain relief Test Cl.3.2.6"                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 843  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | D.C. Power supply cords Cl.3.2.5.2" "Cord anchorages and strain relief Test Cl.3.2.6                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 844  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 845  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 846  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 847  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 848  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 849  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 850  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 851  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Impulse Test Cl.7.4.3                             |
| 852  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 853  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Number and location of protective device Cl.2.7.4 |
| 854  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013  |
| 855  | ELECTRONICS- IT EQUIPMENT | Banking Equipment, Electrical & Electronics retail equipment, Electrical & Electronics office machine, Postage equipment, telecommunication terminal equipment and other information technology equipment such as mobile phone, power bank for use in portable applications, Adapter, CCTV Cameras/Recorders, Point of sale terminals, Set top box, smart watches....etc | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 856  | ELECTRONICS- IT EQUIPMENT | CD players, recorders, it's components, portable CD players, CD boomboxes and other related product.   | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 857  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc  | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---------------------------|---|---|--|
| 858  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 859  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 860  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 861  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 862  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 863  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 864  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 865  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 866  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 867  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex C & Annex E Transformer "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 868  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 869  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex EE House Hold and Home /Office Document/ Media shredders "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 870  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Annex X Maximum Heating effect in transformer in transformer test "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 871  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Appliance inlets Cl.3.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 872  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Audio amplifier in information technology equipment Cl.2.1.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 873  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 874  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Beads and ceramic insulators Cl.3.1.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 875  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances & General Cl.2.10.3 & 2.10.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 876  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances in circuits having starting pulses 2.10.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 877  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|---|---|
| 878  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 879  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 880  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 881  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 882  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Components Cl.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 883  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 884  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 885  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2..1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 886  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 887  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---------------------------|---|---|--|
| 888  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 889  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 890  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 891  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 892  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 893  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 894  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Determination of working voltage Cl.2.10.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 895  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Direct plug-in equipment Cl.4.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 896  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 897  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 898  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 899  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 900  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 901  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 902  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| S.No | Discipline / Group        | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed  | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|---|---|--|
| 903  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 904  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 905  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 906  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 907  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 908  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 909  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 910  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 911  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 912  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---------------------------|---|--|--|
| 913  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Grade of insulation Cl.2.9.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 914  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11"               | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 915  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Impact Test Cl.4.2.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 916  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Inadvertent reactivation Cl.2.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 917  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 918  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 919  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 920  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 921  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 922  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 923  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 924  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 925  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 926  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 927  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 928  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 929  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|---|--|
| 930  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Material used in high-Voltage Components Cl.4.7.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 931  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Materials for air filter assemblies Cl.4.7.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 932  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 933  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Materials for fire enclosure Cl.4.7.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 934  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 935  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 936  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 937  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 938  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 939  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 940  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|---|
| 941  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 942  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 943  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" |
| 944  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Over Load Test Cl.2.8.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 945  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Overriding Cl.2.8.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 946  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 947  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 948  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 949  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 950  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---------------------------|---|--|--|
| 951  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 952  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 953  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 954  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection against mechanical damage Cl3.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 955  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 956  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 957  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection from hazardous Voltages Cl.6.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 958  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection from Hazards Cl. 2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 959  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 960  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|---|--|
| 961  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 962  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 963  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 964  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 965  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 966  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protection Requirements Cl.2.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 967  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 968  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Protective Earthing. Cl.2.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 969  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Provisions for Earthing and Bonding Cl.2.6, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 970  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 971  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 972  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13,& Cl.1.7.14 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 973  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 974  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Resistance to fire Cl.4.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 975  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 976  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 977  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 978  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 979  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 980  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 981  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 982  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 983  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 984  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 985  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Steady state test and compliance criteria Cl.6.2.2.2 &cl.6.2.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 986  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 987  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 988  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Switches and relays Cl.2.8.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 989  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Temperature rise of a winding (Annex E)   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|---|--|
| 990  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Terminals Cl.2.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 991  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Termination of conductors Cl.3.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 992  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 993  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 994  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 995  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 996  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 997  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 998  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 999  | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Transformer Cl.5.3.3 & Annex C.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1000 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, " |
| 1001 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Unattended Equipment Cl.5.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1002 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Voltage limit of hand-held Equipment Cl.1.6.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1003 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Voltage Surge Test Cl.7.4.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1004 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wall or ceiling mounted equipment Cl.4.2.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1005 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Warning To Service person Cl.2.7.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1006 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "                            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1007 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring terminals for connection of external conductor Cl.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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|------|---------------------------|---|---|--|
| 1008 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1009 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1010 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1011 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1012 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1013 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Basic Requirements Cl.2.7.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1014 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Battery Compartments Cl.2.1.1.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1015 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | D.C. Power supply cords Cl.3.2.5.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1016 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | D.C. Power supply cords Cl.3.2.5.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|---|--|--|
| 1017 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1018 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1019 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1020 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1021 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1022 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1023 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1024 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1025 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1026 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1027 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1028 | ELECTRONICS- IT EQUIPMENT | data and text processing machines and associated equipment..ex printers/scanner/copier..etc                                    | Openings in enclosures Cl.4.6.1 Cl.4.6.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1029 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Data Ports additional equipments Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1030 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1031 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1032 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1033 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1034 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1035 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1036 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1037 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1038 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1039 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1040 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex C & Annex E Transformer "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1041 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1042 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1043 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1044 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1045 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1046 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1047 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1048 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1049 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1050 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1051 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1052 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1053 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1054 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Components Cl.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1055 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1056 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1057 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Connection to a.c. & d.c. mains supply, Cl3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|---|
| 1058 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Connection to cable distribution system,& General Cl.7.& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Connection to cable distribution system,& General Cl.7.& Cl.7.1 " |
| 1059 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1060 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1061 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Contact Gaps Cl.2.8.7.1 "   |
| 1062 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1063 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1064 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1065 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1066 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Determination of working voltage Cl.2.10.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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| 1067 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1068 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1069 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1070 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1071 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1072 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1073 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1074 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electric Strength Test Cl.2.8.7.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1075 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1076 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1077 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1078 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1079 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1080 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1081 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1082 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1083 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 1084 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1085 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1086 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1087 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1088 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1089 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1090 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1091 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1092 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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## SCOPE OF ACCREDITATION

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| S.No | Discipline / Group        | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|--|--|--|
| 1093 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1094 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1095 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1096 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1097 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1098 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1099 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1100 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1101 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1102 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1103 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1104 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1105 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1106 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Materials for fire enclosure Cl.4.7.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1107 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1108 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Measurement of transient voltages 2.10.3.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1109 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Mechanical actuators Cl.2.8.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 1110 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1111 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1112 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1113 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1114 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Neutral Conductor Cl.1.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1115 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1116 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Over Current and Earth fault protection in primary circuits Cl.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1117 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Over Load Test Cl.2.8.7.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1118 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Overriding Cl.2.8.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1119 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Permanently connected equipment Cl.3.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1120 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Physical Requirements, Stability Cl.4, Cl.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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## SCOPE OF ACCREDITATION

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|------|---------------------------|--|--|--|
| 1121 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1122 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1123 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1124 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1125 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1126 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection against mechanical damage Cl3.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1127 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1128 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1129 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection from hazardous Voltages Cl.6.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1130 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection from Hazards Cl. 2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1131 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 1132 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1133 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1134 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1135 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1136 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1137 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1138 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protection Requirements Cl.2.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1139 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1140 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Protective Earthing. Cl.2.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1141 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1142 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1143 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1144 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1145 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1146 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Resistance to fire Cl.4.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1147 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1148 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1149 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|---------------------------|--|--|--|
| 1150 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1151 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1152 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1153 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1154 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1155 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1156 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1157 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1158 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1159 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1160 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Switches and relays Cl.2.8.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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## SCOPE OF ACCREDITATION

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BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---------------------------|--|--|--|
| 1161 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Temperature rise of a winding (Annex E)   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1162 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1163 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1164 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1165 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 "                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1166 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thermal Conditioning Cl.2.10.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1167 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thermal conditioning Cl.2.10.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1168 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1169 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---------------------------|--|---|--|
| 1170 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1171 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "TNV Circuits Cl.2.3.Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1172 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Transformer Cl.5.3.3 & Annex C.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1173 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1174 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1175 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1176 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1177 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1178 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 1179 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1180 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1181 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1182 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1183 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1184 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1185 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Basic Requirements Cl.2.7.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1186 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Battery Compartments Cl.2.1.1.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1187 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | D.C. Power supply cords Cl.3.2.5.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1188 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1189 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1190 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1191 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1192 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1193 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1194 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1195 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1196 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1197 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1198 | ELECTRONICS- IT EQUIPMENT | Data network equipment, telecommunication network infrastructure equipment..ex routers, repeaters, transmission equipment..etc | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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|------|---------------------------|------------------------------|---|--|
| 1199 | ELECTRONICS- IT EQUIPMENT | keyboard                     | "Temperature rise of a winding (Annex E)  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1200 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Data Ports additional equipments Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1201 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1202 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1203 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1204 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1205 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1206 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1207 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1208 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1209 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1210 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1211 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex C & Annex E Transformer "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1212 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1213 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1214 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1215 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1216 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1217 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1218 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1219 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1220 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1221 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1222 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1223 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1224 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1225 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1226 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Components Cl.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1227 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1228 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1229 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2.1.1, Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1230 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1231 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Connection to telecommunication network Cl.6.0 "   |
| 1232 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " |
| 1233 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1234 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1235 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1236 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| 1237 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1238 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Determination of working voltage Cl.2.10.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1239 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1240 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1241 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1242 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1243 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1244 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electric insulation Cl.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1245 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electric Strength test Cl.2.10.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1246 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electric Strength Test Cl.2.8.7.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1247 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1248 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1249 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1250 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1251 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1252 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Faults Not simulated in 5.3.7 Cl.2.7.2 " |
| 1253 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| 1254 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1255 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1256 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1257 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1258 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1259 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1260 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1261 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1262 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1263 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1264 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1265 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1266 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1267 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1268 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1269 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1270 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1271 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1272 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1273 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1274 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1275 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Material used in high-Voltage Components Cl.4.7.3.6 " |
| 1276 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1277 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1278 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Materials for fire enclosure Cl.4.7.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Materials for fire enclosure Cl.4.7.3.2 "             |



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| 1279 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1280 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1281 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1282 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " |
| 1283 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1284 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1285 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1286 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Neutral Conductor Cl.1.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1287 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1288 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Over Current and Earth fault protection in primary circuits Cl.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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| 1289 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Over Load Test Cl.2.8.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Over Load Test Cl.2.8.7.2 " |
| 1290 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Overriding Cl.2.8.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Overriding Cl.2.8.6 "       |
| 1291 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                              |
| 1292 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                              |
| 1293 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                              |
| 1294 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                              |
| 1295 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                              |
| 1296 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                              |
| 1297 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                              |
| 1298 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection against mechanical damage Cl.3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                              |



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| 1299 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection by several devices Cl.2.7.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1300 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Protection from electric shock and energy hazards Cl.2.1 "   | "Protection from electric shock and energy hazards Cl.2.1 "  |
| 1301 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection from hazardous Voltages Cl.6.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1302 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Protection from Hazards Cl. 2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1303 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1304 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1305 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1306 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1307 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1308 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1309 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection of the telecommunication wiring system from overheating Cl.6.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1310 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protection Requirements Cl.2.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1311 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1312 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Protective Earthing. Cl.2.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1313 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1314 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1315 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Reducing the risk of ignition and spread of flame Cl.4.7.1 " |
| 1316 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13,& Cl.1.7.14 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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| 1317 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Resistance to abnormal Heat Cl.4.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1318 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Resistance to fire Cl.4.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1319 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1320 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1321 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1322 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1323 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Separation from Hazardous voltages Cl.2.9.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1324 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1325 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Short-circuit backup protection Cl.2.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1326 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Simulation of Faults Cl.5.3.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1327 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Sleeving on wiring Cl.3.1.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1328 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1329 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Steady state test and compliance criteria Cl.6.2.2.2 & cl.6.2.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1330 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Stress relief test Cl.4.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1331 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Supply wiring spaces Cl.3.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1332 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Switches and relays Cl.2.8.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1333 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Terminals Cl.2.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1334 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Termination of conductors Cl.3.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1335 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1336 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8, & Cl.2.10.8.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1337 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1338 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1339 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1340 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1341 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1342 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Transformer Cl.5.3.3 & Annex C.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1343 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1344 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1345 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1346 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1347 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1348 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1349 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1350 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1351 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1352 | ELECTRONICS- IT EQUIPMENT | keyboards                    | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1353 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1354 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1355 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Annex DD Requirement for mounting wheels of rack mounted equipment   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1356 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1357 | ELECTRONICS- IT EQUIPMENT | keyboards                    | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1358 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1359 | ELECTRONICS- IT EQUIPMENT | keyboards                    | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1360 | ELECTRONICS- IT EQUIPMENT | keyboards                    | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2 |
| 1361 | ELECTRONICS- IT EQUIPMENT | keyboards                    | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1362 | ELECTRONICS- IT EQUIPMENT | keyboards                    | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1363 | ELECTRONICS- IT EQUIPMENT | keyboards                    | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Energy hazards d.c. mains supply Cl.2.1.1.8                                |



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| 1364 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1365 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1366 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1367 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1368 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1369 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" Number and location of protective device Cl.2.7.4 |
| 1370 | ELECTRONICS- IT EQUIPMENT | Keyboards                    | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1371 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1372 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1373 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| 1374 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1375 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1376 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1377 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1378 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1379 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1380 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1381 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1382 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex C & Annex E Transformer "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1383 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Annex CC Evaluation of integrated circuit(IC) Current Limiters " |
| 1384 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex EE House Hold and Home /Office Document/ Media shredders "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1385 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Annex X Maximum Heating effect in transformer in transformer test "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1386 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Appliance inlets Cl.3.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1387 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Audio amplifier in information technology equipment Cl.2.1.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1388 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1389 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Beads and ceramic insulators Cl.3.1.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1390 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Clearances & General Cl.2.10.3 & 2.10.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1391 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Clearances in circuits having starting pulses 2.10.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |
| 1392 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"   |



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| 1393 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1394 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1395 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1396 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Components Cl.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1397 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1398 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1399 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Connection to a.c. & d.c. mains supply, Cl3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1400 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1401 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1402 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1403 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1404 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1405 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1406 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1407 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1408 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Determination of working voltage Cl.2.10.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1409 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Direct plug-in equipment Cl.4.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1410 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1411 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1412 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1413 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1414 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1415 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1416 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1417 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1418 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1419 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1420 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1421 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1422 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1423 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1424 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1425 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1426 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1427 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 "               | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1428 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11"                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1429 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1430 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1431 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1432 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1433 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1434 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components, & Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1435 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1436 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1437 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1438 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1439 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1440 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1441 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1442 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1443 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1444 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Material used in high-Voltage Components Cl.4.7.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1445 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Materials for air filter assemblies Cl.4.7.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1446 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1447 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Materials for fire enclosure Cl.4.7.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1448 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1449 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1450 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1451 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1452 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1453 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1454 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Multiple supply connections Cl.3.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1455 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Neutral Conductor Cl.1.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1456 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "                                   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1457 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Over Current and Earth fault protection in primary circuits Cl.2.7 "                                      | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1458 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Over Load Test Cl.2.8.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1459 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Overriding Cl.2.8.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1460 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1461 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1462 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1463 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1464 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1465 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1466 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1467 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection against mechanical damage Cl3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1468 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection by several devices Cl.2.7.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1469 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection from electric shock and energy hazards Cl.2.1 "   | "Protection from electric shock and energy hazards Cl.2.1 "  |
| 1470 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection from hazardous Voltages Cl.6.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1471 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection from Hazards Cl. 2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1472 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1473 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1474 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1475 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1476 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1477 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1478 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1479 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protection Requirements Cl.2.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1480 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1481 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Protective Earthing. Cl.2.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1482 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Provisions for Earthing and Bonding Cl.2.6, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1483 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1484 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1485 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1486 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1487 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Resistance to fire Cl.4.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1488 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1489 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1490 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1491 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1492 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1493 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1494 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1495 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1496 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1497 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1498 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1499 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1500 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1501 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Switches and relays Cl.2.8.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1502 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Temperature rise of a winding (Annex E)   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1503 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Terminals Cl.2.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1504 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Termination of conductors Cl.3.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1505 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1506 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1507 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1508 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1509 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1510 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1511 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1512 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1513 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Unattended Equipment Cl.5.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1514 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Voltage limit of hand-held Equipment Cl.1.6.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1515 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Voltage Surge Test Cl.7.4.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1516 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wall or ceiling mounted equipment Cl.4.2.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1517 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Warning To Service person Cl.2.7.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1518 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "                            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1519 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring terminals for connection of external conductor Cl.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1520 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1521 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3, Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4, Cl.1.7.9, Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1522 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1523 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Adhesives for constructional purposes Cl.4.6.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1524 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Annex DD Requirement for mounting wheels of rack mounted equipment   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1525 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1526 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1527 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1528 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1529 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1530 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1531 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1532 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1533 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1534 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1535 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1536 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1537 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1538 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1539 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1540 | ELECTRONICS- IT EQUIPMENT | Monitors, VDUs, Modem        | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1541 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Data Ports additional equipments Cl.3.5.4   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1542 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1543 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1544 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Abrasion resistance test Cl.2.10.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1545 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "AC Power Distribution System Cl.1.6.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1546 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1547 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3,Cl.4.3.4 & Cl.4.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1548 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1549 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1550 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex B Motor test Under abnormal condition "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1551 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex C & Annex E Transformer "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1552 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1553 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex EE House Hold and Home /Office Document/ Media shredders "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1554 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Annex X Maximum Heating effect in transformer in transformer test "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1555 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Appliance inlets Cl.3.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1556 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Audio amplifier in information technology equipment Cl.2.1.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1557 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1558 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Beads and ceramic insulators Cl.3.1.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1559 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Clearances & General Cl.2.10.3 & 2.10.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1560 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Clearances in circuits having starting pulses 2.10.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1561 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1562 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1563 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1564 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1565 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Components Cl.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1566 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1567 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1568 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Connection to a.c. & d.c. mains supply, Cl3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1569 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1570 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 1571 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1572 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1573 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1574 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1575 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1576 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1577 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Determination of working voltage Cl.2.10.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1578 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Direct plug-in equipment Cl.4.3.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1579 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1580 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1581 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1582 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1583 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electric insulation Cl.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1584 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electric Strength test Cl.2.10.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1585 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electric Strength Test Cl.2.8.7.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1586 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1587 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1588 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1589 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1590 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1591 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1592 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Functional Earthing Cl.2.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1593 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Functional Insulation Cl.5.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1594 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "General Cl.2.10.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1595 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 1596 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Grade of insulation Cl.2.9.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1597 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1598 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11"  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1599 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Impact Test Cl.4.2.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1600 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Inadvertent reactivation Cl.2.8.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1601 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1602 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Input Test Cl.1.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1603 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| S.No | Discipline / Group        | Materials or Products tested                                       | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|--|--|--|
| 1604 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1605 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1606 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1607 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1608 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1609 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1610 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1611 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1612 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1613 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1614 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1615 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1616 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1617 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Materials for fire enclosure Cl.4.7.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1618 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1619 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Measurement of transient voltages 2.10.3.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1620 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Mechanical actuators Cl.2.8.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1621 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1622 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1623 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1624 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1625 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Neutral Conductor Cl.1.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1626 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1627 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Over Current and Earth fault protection in primary circuits Cl.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1628 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Over Load Test Cl.2.8.7.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1629 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Overriding Cl.2.8.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1630 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Permanently connected equipment Cl.3.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1631 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Physical Requirements, Stability Cl.4, Cl.4.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|---|
| 1632 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1633 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1634 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1635 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1636 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1637 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection against mechanical damage Cl3.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Protection against mechanical damage Cl3.2.7 " |
| 1638 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1639 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1640 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection from hazardous Voltages Cl.6.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1641 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection from Hazards Cl. 2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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|------|---------------------------|--|---|---|
| 1642 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1643 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1644 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1645 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"<br>"Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 " |
| 1646 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1647 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1648 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |
| 1649 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protection Requirements Cl.2.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"  |



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| 1650 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1651 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Protective Earthing. Cl.2.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1652 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1653 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1654 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1655 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1656 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1657 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Resistance to fire Cl.4.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1658 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1659 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1660 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7,& Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1661 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1662 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Separation from Hazardous voltages Cl.2.9.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1663 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1664 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Short-circuit backup protection Cl.2.7.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1665 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Simulation of Faults Cl.5.3.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1666 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Sleeving on wiring Cl.3.1.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1667 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1668 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|--|
| 1669 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Stress relief test Cl.4.2.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1670 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Supply wiring spaces Cl.3.2.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1671 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Switches and relays Cl.2.8.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1672 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Temperature rise of a winding (Annex E)  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1673 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Terminals Cl.2.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1674 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Termination of conductors Cl.3.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1675 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1676 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8, & Cl.2.10.8.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1677 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Thermal Conditioning Cl.2.10.8.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1678 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|---|---|
| 1679 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                |
| 1680 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                |
| 1681 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                |
| 1682 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Transformer Cl.5.3.3 & Annex C.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                |
| 1683 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl. 2.10.3.7, Cl.2.10.3.8, "                | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                |
| 1684 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                |
| 1685 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                |
| 1686 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013" "Voltage Surge Test Cl.7.4.2 " |
| 1687 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wall or ceiling mounted equipment Cl.4.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                                |



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|------|---------------------------|--|---|--|
| 1688 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Warning To Service person Cl.2.7.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1689 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1690 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring terminals for connection of external conductor Cl.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1691 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1692 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3,Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4,Cl.1.7.9,Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1693 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1694 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Adhesives for constructional purposes Cl.4.6.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1695 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Annex DD Requirement for mounting wheels of rack mounted equipment  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1696 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Basic Requirements Cl.2.7.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|--|--|--|
| 1697 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1698 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1699 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1700 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1701 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1702 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1703 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1704 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1705 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1706 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1707 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1708 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1709 | ELECTRONICS- IT EQUIPMENT | Personal computers/Laptop/Note Book/tablets and other IT Equipment | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1710 | ELECTRONICS- IT EQUIPMENT | Servers  | "Steady state test and compliance criteria Cl.6.2.2.2 & Cl.6.2.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1711 | ELECTRONICS- IT EQUIPMENT | Servers  | Data Ports additional equipments Cl.3.5.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1712 | ELECTRONICS- IT EQUIPMENT | Servers  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1713 | ELECTRONICS- IT EQUIPMENT | Servers  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1714 | ELECTRONICS- IT EQUIPMENT | Servers  | "Abnormal Operating and Fault Conditions & Protection against overload and abnormal operation Cl.5.3, Cl.5.3.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1715 | ELECTRONICS- IT EQUIPMENT | Servers  | "Abrasion resistance test Cl.2.10.8.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1716 | ELECTRONICS- IT EQUIPMENT | Servers  | "AC Power Distribution System Cl.1.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1717 | ELECTRONICS- IT EQUIPMENT | Servers  | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1718 | ELECTRONICS- IT EQUIPMENT | Servers  | "Adjustable controls, Securing of parts & Connection by the plug and sockets. Cl.4.3.3, Cl.4.3.4 & Cl.4.3.5 "    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1719 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex A Test for Resistance to heat and fire Annex A.1 Flammability test for fire enclosure of movable equipment having mass exceeding 18 Kg and of stationary Equipment " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1720 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex A.2 Flammability test for fire enclosure of movable equipment having mass not exceeding 18 Kg and for material and components located inside the fire enclosures "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1721 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex B Motor test Under abnormal condition "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1722 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex C & Annex E Transformer "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1723 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex CC Evaluation of integrated circuit(IC) Current Limiters "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1724 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex EE House Hold and Home /Office Document/ Media shredders "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1725 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Annex X Maximum Heating effect in transformer in transformer test "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1726 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Appliance inlets Cl.3.2.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1727 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Audio amplifier in information technology equipment Cl.2.1.1.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1728 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Audio Amplifier in Information Technology Equipment Cl.5.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1729 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Beads and ceramic insulators Cl.3.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1730 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Clearances & General Cl.2.10.3 & 2.10.3.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1731 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Clearances in circuits having starting pulses 2.10.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1732 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Clearances in primary circuits & Clearances in Secondary circuits Cl.2.10.3.3 & Cl. 2.10.3.4 "                                       | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1733 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Clearances, Creepage distance and distance through insulation Cl.2.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1734 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Compliance criteria for abnormal operating and fault conditions, During the test, After the Test. Cl.5.3.9, Cl.5.3.9.1, Cl.5.3.9.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1735 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Component external terminations Cl.2.10.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1736 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Components Cl.1.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1737 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Condition for a fire enclosure Cl.4.7.2, 4.7.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1738 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Conductor sizes to be connected Cl.3.3.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1739 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Connection to a.c. & d.c. mains supply, Cl.3.2, Cl.3.2.1,& Cl.3.2.1.1,Cl.3.2.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1740 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Connection to cable distribution system,& General Cl.7,& Cl.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1741 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Connection to telecommunication network Cl.6.0 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1742 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Construction of printed boards, Uncoated printed boards, Coated printed boards, Insulation Between conductors on same inner pand different surface o f a printed board. Cl.2.10.6, Cl.2.10.6.1, Cl.2.10.6.2, Cl.2.10.6.3, & Cl.2.10.6.4, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1743 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Contact Gaps Cl.2.8.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1744 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Cord anchorages and strain relief Test Cl.3.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1745 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Cord guards Cl.3.2.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1746 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Creepage Distances , General, Material group & Comparative tracking Index Cl.2.10.4 , Cl.2.10.4.1, Cl.2.10.4.2 , "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1747 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Design & Construction, Edges and corner, Handles and manual controls. Cl.4.3, Cl.4.3.1, Cl.4.3.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1748 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Determination of working voltage Cl.2.10.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1749 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Direct plug-in equipment Cl.4.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1750 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Disconnection from the mains supply, General Requirements, Disconnects device, Permanently connected equipment, Parts which remain energized, Switches in flexible cords, Number of poles- single phase and DC equipments, Number of poles- three phase , Switches as disconnect devices, Plugs as disconnect devices, Interconnected equipment, Multiple power sources Cl.3.4, Cl. 3.4.1, Cl. 3.4.2, Cl. 3.4.3, Cl. 3.4.4, Cl. 3.4.5, Cl. 3.4.6, Cl. 3.4.7, Cl. 3.4.8, Cl. 3.4.9, Cl. 3.4.10, Cl. 3.4.11 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1751 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Distance through Insulation, Insulating Compound and solid Insulation, Semiconductor devices, Cemented Joints Cl.2.10.5.2, Cl.2.10.5.3, Cl.2.10.5.4 & Cl.2.10.5.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1752 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Drop Test Cl.4.2.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1753 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Durability Cl.1.7.11 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1754 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric insulation Cl.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1755 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric Strength test Cl.2.10.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1756 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric Strength test Cl.2.10.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1757 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric Strength Test Cl.2.8.7.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1758 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electric Strength Test Cl.5.2, 5.2.1, 5.2.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1759 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electrical Requirements and simulated abnormal conditions & Touch current and protective conductor current & Annex D Cl.5, & Cl.5.1, 5.1.1, 5.1.2, 5.1.2.1.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1760 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Electromechanical Components Cl.5.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1761 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Enclosed and sealed parts Cl.2.10.12 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1762 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Fail-safe Cl.2.8.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1763 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Faults Not simulated in 5.3.7 Cl.2.7.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1764 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Functional Earthing Cl.2.6.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1765 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Functional Insulation Cl.5.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1766 | ELECTRONICS- IT EQUIPMENT | Servers                      | "General Cl.2.10.2.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1767 | ELECTRONICS- IT EQUIPMENT | Servers                      | "General Cl.2.6.4.1, Cl.2.6.4.2, Cl.2.6.4.3, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1768 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Grade of insulation Cl.2.9.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1769 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1770 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Heating elements in earthed equipment Batteries, Oil and grease Dust, powder, liquids and gases Containers for liquids or gases Flammable liquids Cl.4.3.7, Cl.4.3.8, Cl.4.3.9, Cl.4.3.10, Cl.4.3.11" | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1771 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Impact Test Cl.4.2.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1772 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Inadvertent reactivation Cl.2.8.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1773 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Input Test Cl.1.6.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1774 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Insulation between primary circuits and cable distribution system and General Cl.7.4 & Cl.7.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1775 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Insulation in wound components, Wire in wound components, wire with solvent based enamel in wound components,& Additional Insulation in wound components Cl.2.10.5.11, Cl.2.10.5.12, Cl.2.10.5.13, & Cl.2.10.5.14 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1776 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Insulation of conductors Cl.3.1.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1777 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Integrity of protective Earthing Cl.2.6.5, Cl.2.6.5.1, Cl.2.6.5.2, Cl.2.6.5.3, Cl.2.6.5.4, Cl.2.6.5.5, Cl.2.6.5.6, Cl.2.6.5.7, & Cl.2.6.5.8 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1778 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Interconnection of Equipments, General Requirements, type of Interconnection circuits, ELV circuits as Interconnection circuits Cl.3.5, Cl.3.5.1, Cl.3.5.2, Cl.3.5.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1779 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Limited Current circuits Cl.2.4, Cl.2.4.1, Cl.2.4.2, & Cl.2.4.3, "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1780 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Limited power sources Cl.2.5, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1781 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Mains Transient Voltages 2.10.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1782 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Manual Controls Cl.2.1.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1783 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Marking and instructions, Power Rating, Safety Instruction and marking, Short duty cycle, Supply Voltage Adjustment, Power outlets on the equipment & Fuse Identification Cl.1.7, Cl.1.7.1, Cl.1.7.2, Cl.1.7.2.1, Cl.1.7.2.2, Cl.1.7.2.3, Cl.1.7.2.4, Cl.1.7.2.5, Cl.1.7.2.6, Cl.1.7.3, Cl.1.7.4, Cl.1.7.5 & Cl.1.7.6 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1784 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Material for components and other parts inside fire enclosure Cl.4.7.3.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1785 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Material used in high-Voltage Components Cl.4.7.3.6 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1786 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Materials for air filter assemblies Cl.4.7.3.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1787 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Materials for components and other parts outside fire enclosures Cl.4.7.3.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1788 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Materials for fire enclosure Cl.4.7.3.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1789 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Materials & General Cl.4.7.3 & Cl.4.7.3.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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|------|---------------------------|------------------------------|---|--|
| 1790 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Measurement of transient voltages 2.10.3.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1791 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Mechanical actuators Cl.2.8.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1792 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Mechanical Strength General, Steady force test for 10N, 30N, 250N. Cl.4.2, Cl.4.2.1, Cl.4.2.2, Cl.4.2.3 & Cl.4.2.4 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1793 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Minimum Creepage Distances Cl.2.10.4.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1794 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Moving Parts Cl.2.8.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1795 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Multiple supply connections Cl.3.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1796 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Neutral Conductor Cl.1.6.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1797 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Openings in transportable equipment Cl.4.6.4,4.6.4.1,4.6.4.2 ,4.6.4.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1798 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Over Current and Earth fault protection in primary circuits Cl.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1799 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Over Load Test Cl.2.8.7.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1800 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Overriding Cl.2.8.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1801 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Permanently connected equipment Cl.3.2.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1802 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Physical Requirements, Stability Cl.4, Cl.4.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1803 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Pollution Degrees Cl.2.10.1.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1804 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Power interface Cl.1.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1805 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1806 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Properties of Insulating materials, Humidity Conditioning. Cl.2.9.1 & Cl.2.9.2 "                          | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1807 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection against Hazardous Moving Parts Cl.4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4 "            | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1808 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection against mechanical damage & Securing of internal wiring Cl.3.1.2, & Cl.3.1.3 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1809 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection against mechanical damage Cl.3.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1810 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection by several devices Cl.2.7.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1811 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection from electric shock and energy hazards Cl.2.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1812 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection from hazardous Voltages Cl.6.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1813 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection from Hazards Cl. 2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1814 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection in operator access areas & Access to energized parts Cl.2.1.1 & Cl.2.1.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1815 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection in service access areas & Protection in restricted access locations Cl.2.1.2 & Cl.2.1.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1816 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of cable distribution system service persons, and user of other equipment connected to the system ,from hazardous voltage in the equipment Cl.7.2 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1817 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of equipment users from over voltages on telecommunication networks Cl.6.2, Cl.6.2.1, Cl.6.2.2, Cl.6.2.2.2 & Cl.6.2.2.3 "                           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1818 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of equipment users from over voltages on the cable distribution system Cl.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1819 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of telecommunication network service persons and users of other equipment connected to the network from hazards in the equipment Cl.6.1 "           | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1820 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection of the telecommunication wiring system from overheating Cl.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1821 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protection Requirements Cl.2.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1822 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protective Earthing Conductor and protective bonding conductor Cl.2.6.3, Cl.2.6.3.1, Cl.2.6.3.2, Cl.2.6.3.3, Cl.2.6.3.4, Cl.2.6.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1823 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Protective Earthing. Cl.2.6.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1824 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Provisions for Earthing and Bonding Cl.2.6, "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1825 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Reduced values for functional insulation, Intervening unconnected conductive parts, Insulation with varying dimensions, Special Separation Requirements, Insulation in Circuit generating starting pulses, & Annex F Cl.2.10.1.3, Cl.2.10.1.4, Cl.2.10.1.5, Cl.2.10.1.6 & Cl.2.10.1.7 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1826 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Reducing the risk of ignition and spread of flame Cl.4.7.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1827 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Removable parts, Replaceable Batteries & Equipment for Restricted access location. Cl.1.7.12, Cl.1.7.13, & Cl.1.7.14 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1828 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Resistance to abnormal Heat Cl.4.5.5 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1829 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Resistance to fire Cl.4.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1830 | ELECTRONICS- IT EQUIPMENT | Servers                      | "RMS Working Voltage & Peak Working Voltage Cl.2.10.2.2 & Cl.2.10.2.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1831 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Safety Interlocks & General Principles Cl.2.8 & Cl.2.8.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1832 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Screws for electrical connection, Insulation material in electrical connections, self-tapping and spaced thread screw Cl.3.1.6, Cl.3.1.7, & Cl.3.1.8 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1833 | ELECTRONICS- IT EQUIPMENT | Servers                      | "SELV Circuits Cl.2.2, Cl.2.2.1, Cl.2.2.2, Cl.2.2.3, & Cl.2.2.4 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1834 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Separation from Hazardous voltages Cl.2.9.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1835 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Separation of the telecommunication network from earth Cl.6.1.2 & Cl.6.1.2.1, Cl.6.1.2.2 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1836 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Short-circuit backup protection Cl.2.7.3 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1837 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Simulation of Faults Cl.5.3.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1838 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Sleeving on wiring Cl.3.1.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1839 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Solid Insulation Cl.2.10.5 & Cl.2.10.5.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1840 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Stress relief test Cl.4.2.7 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1841 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Supply wiring spaces Cl.3.2.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1842 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Switches and relays Cl.2.8.7 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1843 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Temperature rise of a winding (Annex E)   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1844 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Temperature rise of a winding (Annex E)   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1845 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Terminals Cl.2.6.4 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1846 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Termination of conductors Cl.3.1.9 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1847 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Test for pollution degree 1 environment and for insulating compound Cl.2.10.10 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1848 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Test on coated printed boards and coated components & Sample preparation and preliminary Inspection Cl.2.10.8,& Cl.2.10.8.1 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1849 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Thermal Conditioning Cl.2.10.8.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1850 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Thermal conditioning Cl.2.10.9 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1851 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Thermal Requirements, General, Temperature Test, Temperature limits for Materials, Touch Temperature Limits. Cl.4.5, Cl.4.5.1, Cl.4.5.2, Cl.4.5.3, Cl.4.5.4 "                    | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1852 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Thin Sheet Material, Separable thin Sheet Material, Non Separable thin sheet material, Thin sheet material Cl.2.10.5.6, Cl.2.10.5.7, Cl.2.10.5.8 , Cl.2.10.5.9, & Cl.2.10.5.10 " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1853 | ELECTRONICS- IT EQUIPMENT | Servers                      | "TNV Circuits Cl.2.3,Cl.2.3.1, Cl.2.3.2, Cl.2.3.2.1, Cl.2.3.2.2, Cl.2.3.2.3, Cl.2.3.2.4, Cl.2.3.3,Cl.2.3.4,& Cl.2.3.5 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1854 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Transformer Cl.5.3.3 & Annex C.1 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1855 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Transient from an a.c. and d.c. mains supply And transient from telecommunication Network and cable distribution system Cl.2.10.3.6, Cl.2.10.3.7, Cl.2.10.3.8, "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1856 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Unattended Equipment Cl.5.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1857 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Voltage limit of hand-held Equipment Cl.1.6.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1858 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Voltage Surge Test Cl.7.4.2 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| 1859 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wall or ceiling mounted equipment Cl.4.2.10 "   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1860 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Warning To Service person Cl.2.7.6 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1861 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring terminal sizes, Wiring terminal design , Grouping of wiring terminals & Stranded wire Cl.3.3.5, Cl.3.3.6 ,Cl.3.3.7 & Cl.3.3.8 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1862 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring terminals for connection of external conductor Cl.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1863 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring Terminals, Connections to non-detachable power supply cords, Screw Terminals Cl.3.3.1, Cl.3.3.2, Cl.3.3.3 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1864 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring Terminals, Controls and Indicators, Isolation of multiple power source, & Thermostats and other regulating devices. Cl.1.7.7, Cl.1.7.7.1, Cl.1.7.7.2, Cl.1.7.7.3, Cl.1.7.8, Cl.1.7.8.1, Cl.1.7.8.2, Cl.1.7.8.3, Cl.1.7.8.4, Cl.1.7.9, Cl.1.7.10, " | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1865 | ELECTRONICS- IT EQUIPMENT | Servers                      | "Wiring, connections, and supply, General, & Current rating and over current protection. Cl.3, Cl.3.1, Cl.3.1.1 "  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1866 | ELECTRONICS- IT EQUIPMENT | Servers                      | Adhesives for constructional purposes Cl.4.6.5   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1867 | ELECTRONICS- IT EQUIPMENT | Servers                      | Annex DD Requirement for mounting wheels of rack mounted equipment   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ATHARVA LABORATORIES PVT. LTD., D-115 A, HOSIERY COMPLEX, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-6319 **Page No** 567 of 568

**Validity** 13/01/2023 to 12/01/2025 **Last Amended on** 27/09/2023

| S.No | Discipline / Group        | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|------------------------------|--|--|
| 1868 | ELECTRONICS- IT EQUIPMENT | Servers                      | Basic Requirements Cl.2.7.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1869 | ELECTRONICS- IT EQUIPMENT | Servers                      | Battery Compartments Cl.2.1.1.2  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1870 | ELECTRONICS- IT EQUIPMENT | Servers                      | D.C. Power supply cords Cl.3.2.5.2   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1871 | ELECTRONICS- IT EQUIPMENT | Servers                      | Discharge of capacitors in Equipment Cl.2.1.1.7  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1872 | ELECTRONICS- IT EQUIPMENT | Servers                      | Double or Reinforced Insulation Bridged by components Cl.1.5.7.3, Cl.2.4.2                                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1873 | ELECTRONICS- IT EQUIPMENT | Servers                      | Energy hazards Cl.2.1.1.5  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1874 | ELECTRONICS- IT EQUIPMENT | Servers                      | Energy hazards d.c. mains supply Cl.2.1.1.8  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1875 | ELECTRONICS- IT EQUIPMENT | Servers                      | Frequency Cl. 2.10.1.1   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1876 | ELECTRONICS- IT EQUIPMENT | Servers                      | General Cl.2.10.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1877 | ELECTRONICS- IT EQUIPMENT | Servers                      | Impulse test Cl.6.2.2.1  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1878 | ELECTRONICS- IT EQUIPMENT | Servers                      | Impulse Test Cl.7.4.3  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-6319  | <b>Page No</b>         | 568 of 568 |
| <b>Validity</b>               | 13/01/2023 to 12/01/2025   | <b>Last Amended on</b> | 27/09/2023 |

| S.No | Discipline / Group        | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|--|--|--|
| 1879 | ELECTRONICS- IT EQUIPMENT | Servers  | Motor Cl.5.3.2 & Annex B   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1880 | ELECTRONICS- IT EQUIPMENT | Servers  | Number and location of protective device Cl.2.7.4  | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1881 | ELECTRONICS- IT EQUIPMENT | Servers  | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1882 | ELECTRONICS- IT EQUIPMENT | Servers  | Openings in enclosures Cl.4.6.1 & Cl.4.6.3   | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |
| 1883 | ELECTRONICS- IT EQUIPMENT | USB TV Tuner, Digital TV Tuner, external TV Tuner, Set top box, single and multi Tuner set top box, digital set top box, and other related product | "Access to ELV wiring & Access to hazards voltage circuit wiring Cl.2.1.1.3 & Cl.2.1.1.4 "                 | "IS 13252 (Part-1):2010+A1:2013 A2:2015/IEC 60950-1 : 2005 +A1-2009+A2-2013"                         |

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.