

Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: Electroedge Laboratory LLP

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Address: A-7, Kh. No-234, Pragati Enclave, Lane Number 22,
Mukundpur, Part-2, North Delhi-- 110042, Delhi

Certificate No.: T-0024

Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
1	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	GENERAL CONDITIONS FOR THE TESTS	(Cl. 5) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
2	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Verification of Classification	(Cl. 6) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
3	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Verification of Marking and Instructions	(Cl. 7) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	1 s to 60s	Permanent
4	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Protection Against Access to Live Parts	(Cl. 8) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0-99.9V, 1 N to 50 N	Permanent
5	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Starting of motor-operated appliances	(Cl. 9) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 5000) Watt	Permanent
6	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Input And Current	(Cl. 10) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 5000) Watt, 0-50A	Permanent
7	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Heating	(Cl. 11) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 300)°C	Permanent
8	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Leakage Current and Electric Strength at Operating Temperature	(Cl. 13) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
9	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Transient Over voltages	(Cl. 14) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0-5kV, 0-9.99Sec	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
10	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Moisture Resistance	(Cl. 15) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	20 to 99%R, (0°C to 60°C)	Permanent
11	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Leakage Current and Electric Strength	(Cl. 16) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	1 kV to 5kV, 0.05 mA to 5 mA, 20 mA to 250 mA, 1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
12	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Overload Protection of Transformers and Associated Circuits	(Cl. 17) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative : 1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
13	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Abnormal Operations	(Cl. 19) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 300)°C	Permanent
14	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Stability And Mechanical Hazards	(Cl. 20) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
15	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Mechanical Strength	(Cl. 21) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.1Nm to 6 Nm	Permanent
16	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Verification of Construction	(Cl. 22) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	1 N to 250N	Permanent
17	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Internal Wiring	(Cl. 23) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
18	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Verification of Components	(Cl. 24) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent



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19	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Supply Connection And External Flexible Cords	(Cl. 25) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	1 to 20000 flexing	Permanent
20	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Terminals For External Conductors	(Cl. 26) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
21	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Provision For Earthing	(Cl. 27) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
22	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	SCREWS AND CONNECTIONS	(Cl. 28) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.01 Nm to 10 Nm	Permanent
23	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Clearances, Creepage Distances and Solid Insulation	(Cl. 29) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.1 to 150mm	Permanent
24	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Resistance to Heat and Fire	(Cl. 30) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 150) mm	Permanent
25	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Resistance to Rusting	(Cl. 31) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	20°C to 100°C	Permanent
26	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Radiation, toxicity and similar hazards	(Cl. 32) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
27	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Battery-operated appliances, separable batteries and detachable	Annex B IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4 302- 1 +A1+A2+A3+A4:2037	0.01 to 30Vdc, 100mA to 30A, -40 °C to 80 °C	Permanent



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		Batteries for battery-operated appliances			
28	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Ageing test on motors	Annex C IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0 °C to 300 °C, 1 µOhm to 1.999 kOhm	Permanent
29	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Thermal motor protectors	Annex D IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0 °C to 300 °C, 1 µOhm to 1.999 kOhm	Permanent
30	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Needle-flame test	Annex E IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Needle Dia: 0.5 mm, 20 Lux, up to 960 °C,	Permanent
31	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Capacitors	Annex F IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
32	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Safety isolating transformers	Annex G IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0-300°C	Permanent
33	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Switches	Annex H IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0 °C to 300 °C, 0.01 mm to 150 mm	Permanent
34	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Motors having basic insulation that is inadequateFor the rated voltage of the appliance	Annex I IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
35	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Coated printed circuit boards	Annex J of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	-70°C to 100°C	Permanent



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36	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Overvoltage categories	Annex K of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
37	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Guidance for the measurement of clearances	Annex L of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0 °C to 300 °C, 0.01 mm to 300 mm	Permanent
38	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Pollution degree	Annex M of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
39	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Proof tracking test	Annex N of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.1 to 1200 V;0.1 to 1.999A;1 to 99 sec	Permanent
40	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Selection and sequence of the tests of Clause 30	Annex O of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
41	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Guidance for the application of this standard to appliances	Annex P of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	-20 °C to 100 °C, 30.1 to 95 %RH	Permanent
42	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Sequence of tests for the evaluation of electronic circuits	Annex Q of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
43	Safety of Household and similar Electrical Appliances-Part-1 General Requirements	Software evaluation	Annex R of IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
44	Electrical Appliance for Household Purpose - Adaptor	Verification of Classification	(Cl. 6) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
45	Electrical Appliance for Household Purpose - Adaptor	Verification of Marking and Instructions	(Cl. 7) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	1 s to 60 s	Permanent
46	Electrical Appliance for Household Purpose - Adaptor	Protection Against Access to Live Parts	(Cl. 8) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0-99.9V, 1 N to 50 N	Permanent
47	Electrical Appliance for Household Purpose - Adaptor	Starting of motor-operated appliances	(Cl. 9) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 5000) Watt	Permanent
48	Electrical Appliance for Household Purpose - Adaptor	Input and Current	(Cl. 10) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 5000) Watt, 0-50A	Permanent
49	Electrical Appliance for Household Purpose - Adaptor	Heating	(Cl. 11) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 300)°C	Permanent
50	Electrical Appliance for Household Purpose - Adaptor	Leakage Current and Electric Strength at Operating Temperature	(Cl. 13) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 500) µA	Permanent
51	Electrical Appliance for Household Purpose - Adaptor	Transient Over voltages	(Cl. 14) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0-5kV, 0-9.99Sec	Permanent
52	Electrical Appliance for Household Purpose - Adaptor	Moisture Resistance	(Cl. 15) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	20 to 99%RH, (0°C to 60°C)	Permanent
53	Electrical Appliance for Household Purpose - Adaptor	Leakage Current and Electric Strength	(Cl. 16) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(500V/1000V, 0-1000Mohm), 0.1 to 5Kv	Permanent
54	Electrical Appliance for Household Purpose - Adaptor	Overload Protection of Transformers and Associated Circuits	(Cl. 17) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative : 1 V to 350V, 1W to 5000 W, (0.1 to 300)°C	Permanent
55	Electrical Appliance for Household Purpose - Adaptor	Abnormal Operations	(Cl. 19) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 300)°C	Permanent



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56	Electrical Appliance for Household Purpose - Adaptor	Stability And Mechanical Hazards	(Cl. 20) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 300)°C , 10° & 5°,1	Permanent
57	Electrical Appliance for Household Purpose - Adaptor	Mechanical Strength	(Cl. 21) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.1Nm to 6 Nm	Permanent
58	Electrical Appliance for Household Purpose - Adaptor	Verification of Construction	(Cl. 22) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	1 N to 250N	Permanent
59	Electrical Appliance for Household Purpose - Adaptor	Internal Wiring	(Cl. 23) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
60	Electrical Appliance for Household Purpose - Adaptor	Verification of Components	(Cl. 24) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
61	Electrical Appliance for Household Purpose - Adaptor	Supply Connection and External Flexible Cords	(Cl. 25) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	1 to 20000 flexing	Permanent
62	Electrical Appliance for Household Purpose - Adaptor	Terminals For External Conductors	(Cl. 26) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.5 mm to 25 mm,0.5 mm to 150	Permanent
63	Electrical Appliance for Household Purpose - Adaptor	Provision For Earthing	(Cl. 27) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
64	Electrical Appliance for Household Purpose - Adaptor	SCREWS AND CONNECTIONS	(Cl. 28) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.01 Nm to 10 Nm	Permanent
65	Electrical Appliance for Household Purpose - Adaptor	Clearances, Creepage Distances and Solid Insulation	(Cl. 29) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	0.1 to 150mm	Permanent
66	Electrical Appliance for Household Purpose - Adaptor	Resistance to Heat and Fire	(Cl. 30) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	(0.1 to 150) mm	Permanent
67	Electrical Appliance for Household Purpose - Adaptor	Resistance to Rusting	(Cl. 31) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent



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68	Electrical Appliance for Household Purpose - Adaptor	Radiation, toxicity and similar hazards	(Cl. 32) IEC: 60335-1, + A1,+A2,, IS 302- 1 +A1+A2+A3+A4	Qualitative	Permanent
69	Electrical Shavers, Hair Clipper and Similar Appliances	Classification	Cl.6 of IS 302-2-8 /IEC 60335-2-8	Qualitative	Permanent
70	Electrical Shavers, Hair Clipper and Similar Appliances	Marking	Cl.7 of IS 302-2-8 /IEC 60335-2-8	1 s to 60 s	Permanent
71	Electrical Shavers, Hair Clipper and Similar Appliances	Protection Against Electric shock	Cl.8 of IS 302-2-8 /IEC 60335-2-8	0-99.9V, 1 N to 50 N	Permanent
72	Electrical Shavers, Hair Clipper and Similar Appliances	Starting of Motor- Operated Appliances	Cl.9 of IS 302-2-8 /IEC 60335-2-8	(0.1 to 5000) Watt	Permanent
73	Electrical Shavers, Hair Clipper and Similar Appliances	INPUT AND CURRENT	Cl.10 of IS 302-2-8 /IEC 60335-2-8	(0.1 to 5000) Watt, 0-50A	Permanent
74	Electrical Shavers, Hair Clipper and Similar Appliances	TEMPERATURE RISE	Cl.11 of IS 302-2-8 /IEC 60335-2-8	(0.1 to 300)°C	Permanent
75	Electrical Shavers, Hair Clipper and Similar Appliances	ELECTRICAL INSULATION AND LEAKAGE CURRENT AT OPERATING TEMPERATURE	Cl.13 of IS 302-2-8 /IEC 60335-2-8	(0.1 to 500) µA	Permanent
76	Electrical Shavers, Hair Clipper and Similar Appliances	RADIO AND TELEVISION INTERFERENCE SUPPRESSION	Cl.14 of IS 302-2-8 /IEC 60335-2-8	0-5kV, 0-9.99Sec	Permanent
77	Electrical Shavers, Hair Clipper and Similar Appliances	MOISURE RESISTANCE	Cl.15 of IS 302-2-8 /IEC 60335-2-8	20 to 99%RH, (0°C to 60°C)	Permanent



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78	Electrical Shavers, Hair Clipper and Similar Appliances	Insulation Resistance and Electric Strength (After Humidity Treatment)	Cl.16 of IS 302-2-8 /IEC 60335-2-8	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
79	Electrical Shavers, Hair Clipper and Similar Appliances	OVERLOAD PROTECTION	Cl.17 of IS 302-2-8 /IEC 60335-2-8	Qualitative :1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
80	Electrical Shavers, Hair Clipper and Similar Appliances	Abnormal Operation	Cl.19 of IS 302-2-8 /IEC 60335-2-8	(0.1 to 300)°C	Permanent
81	Electrical Shavers, Hair Clipper and Similar Appliances	Stability and Mechanical hazards	Cl.20 of IS 302-2-8 /IEC 60335-2-8	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
82	Electrical Shavers, Hair Clipper and Similar Appliances	Mechanical Strength	Cl.21 of IS 302-2-8 /IEC 60335-2-8	0.1Nm to 6Nm	Permanent
83	Electrical Shavers, Hair Clipper and Similar Appliances	Construction	Cl.22 of IS 302-2-8 /IEC 60335-2-8	1 N to 250N	Permanent
84	Electrical Shavers, Hair Clipper and Similar Appliances	Internal Wiring	Cl.23 of IS 302-2-8 /IEC 60335-2-8	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
85	Electrical Shavers, Hair Clipper and Similar Appliances	Components	Cl.24 of IS 302-2-8 /IEC 60335-2-8	Qualitative	Permanent
86	Electrical Shavers, Hair Clipper and Similar Appliances	Supply Connection And External Flexible Cords	Cl.25 of IS 302-2-8 /IEC 60335-2-8	1 to 20000 flexing	Permanent
87	Electrical Shavers, Hair Clipper and Similar Appliances	Terminal for External Conductors	Cl.26 of IS 302-2-8 /IEC 60335-2-8	0.5 mm to 25 mm,0.5 mm to 150	Permanent
88	Electrical Shavers, Hair Clipper and Similar Appliances	Provision for Earthing	Cl.27 of IS 302-2-8 /IEC 60335-2-8	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent



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Mukundpur, Part-2, North Delhi-- 110042, Delhi

Certificate No.: T-0024

Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
89	Electrical Shavers, Hair Clipper and Similar Appliances	Screws and Connections	Cl.28 of IS 302-2-8 /IEC 60335-2-8	0 V to 99.9V, 1 N to 50 N	Permanent
90	Electrical Shavers, Hair Clipper and Similar Appliances	Creepage Distances, Clearances and Distances Through Insulation	Cl.29 of IS 302-2-8 /IEC 60335-2-8	0.1 to 150mm	Permanent
91	Electrical Shavers, Hair Clipper and Similar Appliances	Resistance To Heat, Fire and Tracking	Cl.30 of IS 302-2-8 /IEC 60335-2-8	(0.1 to 150) mm	Permanent
92	Electrical Shavers, Hair Clipper and Similar Appliances	Resistance to rusting	Cl.31 of IS 302-2-8 /IEC 60335-2-8	Qualitative	Permanent
93	Electrical Shavers, Hair Clipper and Similar Appliances	Radiation Hazards	Cl.32 of IS 302-2-8 /IEC 60335-2-8	Qualitative	Permanent
94	Electric kitchen machines (hand blenders)	Classification	Cl.6 of IS 302-2-14	Qualitative	Permanent
95	Electric kitchen machines (hand blenders)	Marking and instruction	Cl.7 of IS 302-2-14	1 s to 60 s	Permanent
96	Electric kitchen machines (hand blenders)	Protection against access to live parts	Cl.8 of IS 302-2-14	0-99.9V, 1 N to 50 N	Permanent
97	Electric kitchen machines (hand blenders)	Power input and current	Cl.10 of IS 302-2-14	(0.1 to 5000) Watt, 0-50A	Permanent
98	Electric kitchen machines (hand blenders)	Heating	Cl.11 of IS 302-2-14	(0.1 to 300)°C	Permanent
99	Electric kitchen machines (hand blenders)	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-14	(500V/1000V, 0-1000Mohm) , 0.1 to 5Kv	Permanent



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Certificate No.: T-0024

Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
100	Electric kitchen machines (hand blenders)	Transient over voltage	Cl.14 of IS 302-2-14	0-5kV, 0-9.99Sec	Permanent
101	Electric kitchen machines (hand blenders)	Moisture resistance	Cl.15 of IS 302-2-14	20 to 99%RH, (0°C to 60°C)	Permanent
102	Electric kitchen machines (hand blenders)	Leakage current and electric strength	Cl.16 of IS 302-2-14	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
103	Electric kitchen machines (hand blenders)	Overload protection of transformers associated circuits	Cl.17 of IS 302-2-14	Qualitative :1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
104	Electric kitchen machines (hand blenders)	Abnormal operation	Cl.19 of IS 302-2-14	(0.1 to 300)°C	Permanent
105	Electric kitchen machines (hand blenders)	Stability and mechanical hazards	Cl.20 of IS 302-2-14	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
106	Electric kitchen machines (hand blenders)	Mechanical strength	Cl.21 of IS 302-2-14	0.1Nm to 6 Nm	Permanent
107	Electric kitchen machines (hand blenders)	Construction	Cl.22 of IS 302-2-14	1 N to 250N	Permanent
108	Electric kitchen machines (hand blenders)	Internal wiring	Cl.23 of IS 302-2-14	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
109	Electric kitchen machines (hand blenders)	Components	Cl.24 of IS 302-2-14	Qualitative	Permanent
110	Electric kitchen machines (hand blenders)	Supply connection and external flexible cord	Cl.25 of IS 302-2-14	1 to 20000 flexing	Permanent
111	Electric kitchen machines (hand blenders)	Terminal for external conductors	Cl.26 of IS 302-2-14	0.5 mm to 25 mm,0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent



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Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
112	Electric kitchen machines (hand blenders)	Provision for earthing	Cl.27 of IS 302-2-14	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
113	Electric kitchen machines (hand blenders)	Screws and connections	Cl.28 of IS 302-2-14	0 V to 99.9V, 1 N to 50 N	Permanent
114	Electric kitchen machines (hand blenders)	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-14	0.1 to 150mm	Permanent
115	Electric kitchen machines (hand blenders)	Resistance to heat and fire	Cl.30 of IS 302-2-14	(0.1 to 150) mm	Permanent
116	Electric kitchen machines (hand blenders)	Resistance to rusting	Cl.31 of IS 302-2-14	Qualitative	Permanent
117	Electric kitchen machines (hand blenders)	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-14	Qualitative	Permanent
118	Appliances for Skin or Hair Care	Classification	Cl.6 of IS 302-2-23 /IEC 60335-2-23	Qualitative	Permanent
119	Appliances for Skin or Hair Care	Marking and Instruction	Cl.7 of IS 302-2-23 /IEC 60335-2-23	1 s to 15 s	Permanent
120	Appliances for Skin or Hair Care	Protection Against Access to Live Parts	Cl.8 of IS 302-2-23 /IEC 60335-2-23	0-99.9V, 1 N to 50 N	Permanent
121	Appliances for Skin or Hair Care	Power input and Current	Cl.10 of IS 302-2-23 /IEC 60335-2-23	(0.1 to 5000) Watt, 0-50A	Permanent
122	Appliances for Skin or Hair Care	Heating	Cl.11 of IS 302-2-23 /IEC 60335-2-23	(0.1 to 300)°C	Permanent
123	Appliances for Skin or Hair Care	Leakage Current and Electric Strength at operating temperature	Cl.13 of IS 302-2-23 /IEC 60335-2-23	(500V/1000V, 0-1000Mohm) , 0.1 to 5Kv	Permanent
124	Appliances for Skin or Hair Care	Transient Over Voltage	Cl.14 of IS 302-2-23 /IEC 60335-2-23	0-5kV, 0-9.99Sec	Permanent



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Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
125	Appliances for Skin or Hair Care	Moisture Resistance	Cl.15 of IS 302-2-23 /IEC 60335-2-23	20 to 99%RH, (0°C to 60°C)	Permanent
126	Appliances for Skin or Hair Care	Leakage Current and Electric Strength	Cl.16 of IS 302-2-23 /IEC 60335-2-23	1 kV to 5kV, 0.05 mA to 5 mA,	Permanent
127	Appliances for Skin or Hair Care	Overload protection of transformers associated circuits	Cl.17 of IS 302-2-23 /IEC 60335-2-23	Qualitative : 1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
128	Appliances for Skin or Hair Care	Abnormal Operation	Cl.19 of IS 302-2-23 /IEC 60335-2-23	(0.1 to 300)°C	Permanent
129	Appliances for Skin or Hair Care	Stability and Mechanical hazards	Cl.20 of IS 302-2-23 /IEC 60335-2-23	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
130	Appliances for Skin or Hair Care	Mechanical Strength	Cl.21 of IS 302-2-23 /IEC 60335-2-23	0.1Nm to 6 Nm	Permanent
131	Appliances for Skin or Hair Care	Construction	Cl.22 of IS 302-2-23 /IEC 60335-2-23	1 N to 250N	Permanent
132	Appliances for Skin or Hair Care	Internal Wiring	Cl.23 of IS 302-2-23 /IEC 60335-2-23	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
133	Appliances for Skin or Hair Care	Components	Cl.24 of IS 302-2-23 /IEC 60335-2-23	Qualitative	Permanent
134	Appliances for Skin or Hair Care	Supply Connection and External Flexible Cord	Cl.25 of IS 302-2-23 /IEC 60335-2-23	1 to 20000 flexing	Permanent
135	Appliances for Skin or Hair Care	Terminal for External Conductors	Cl.26 of IS 302-2-23 /IEC 60335-2-23	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
136	Appliances for Skin or Hair Care	Provision for Earthing	Cl.27 of IS 302-2-23 /IEC 60335-2-23	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
137	Appliances for Skin or Hair Care	Screws and Connections	Cl.28 of IS 302-2-23 /IEC 60335-2-23	0 V to 99.9V, 1 N to 50 N	Permanent
138	Appliances for Skin or Hair Care	Clearances, Creepage distances and solid insulation	Cl.29 of IS 302-2-23 /IEC 60335-2-23	0.1 to 150mm	Permanent
139	Appliances for Skin or Hair Care	Resistance to heat and fire	Cl.30 of IS 302-2-23 /IEC 60335-2-23	(0.1 to 150) mm	Permanent



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Issue date :17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
140	Appliances for Skin or Hair Care	Resistance to rusting	Cl.31 of IS 302-2-23 /IEC 60335-2-23	Qualitative	Permanent
141	Appliances for Skin or Hair Care	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-23 /IEC 60335-2-23	Qualitative	Permanent
142	Warming Plates and Similar Appliances	Classification	Cl.6 of IS 302-2-12 /IEC 60335-2-12	Qualitative	Permanent
143	Warming Plates and Similar Appliances	Marking	Cl.7 of IS 302-2-12 /IEC 60335-2-12	1 s to 60s	Permanent
144	Warming Plates and Similar Appliances	Protection Against Electric shock	Cl.8 of IS 302-2-12 /IEC 60335-2-12	0-99.9V, 1 N to 50 N	Permanent
145	Warming Plates and Similar Appliances	Starting of motor operated appliances	Cl.9 of IS 302-2-12 /IEC 60335-2-12	(0.1 to 5000) Watt	Permanent
146	Warming Plates and Similar Appliances	Input and Current	Cl.10 of IS 302-2-12 /IEC 60335-2-12	(0.1 to 5000) Watt, 0-50A	Permanent
147	Warming Plates and Similar Appliances	Temperature rise	Cl.11 of IS 302-2-12 /IEC 60335-2-12	(0.1 to 300)°C	Permanent
148	Warming Plates and Similar Appliances	Electrical insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-12 /IEC 60335-2-12	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
149	Warming Plates and Similar Appliances	Radio and television Interference suppression	Cl.14 of IS 302-2-12 /IEC 60335-2-12	0-5kV, 0-9.99Sec	Permanent
150	Warming Plates and Similar Appliances	Moisture Resistance	Cl.15 of IS 302-2-12 /IEC 60335-2-12	20 to 99%RH, (0°C to 60°C)	Permanent
151	Warming Plates and Similar Appliances	Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-12 /IEC 60335-2-12	1 kV to 5kV, 0.05 mA to 5 mA,20 mA to 250 mA,1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
152	Warming Plates and Similar Appliances	Overload protection	Cl.17 of IS 302-2-12 /IEC 60335-2-12	Qualitative :1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
153	Warming Plates and Similar Appliances	Abnormal Operation	Cl.19 of IS 302-2-12 /IEC 60335-2-12	(0.1 to 300)°C	Permanent



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Certificate No.: T-0024

Issue date :17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
154	Warming Plates and Similar Appliances	Stability and Mechanical hazards	Cl.20 of IS 302-2-12 /IEC 60335-2-12	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
155	Warming Plates and Similar Appliances	Mechanical Strength	Cl.21 of IS 302-2-12 /IEC 60335-2-12	0.1Nm to 6 Nm	Permanent
156	Warming Plates and Similar Appliances	Construction	Cl.22 of IS 302-2-12 /IEC 60335-2-12	1 N to 250N	Permanent
157	Warming Plates and Similar Appliances	Internal Wiring	Cl.23 of IS 302-2-12 /IEC 60335-2-12	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
158	Warming Plates and Similar Appliances	Components	Cl.24 of IS 302-2-12 /IEC 60335-2-12	Qualitative	Permanent
159	Warming Plates and Similar Appliances	Supply Connection and External Flexible Cord	Cl.25 of IS 302-2-12 /IEC 60335-2-12	1 to 20000 flexing	Permanent
160	Warming Plates and Similar Appliances	Terminal for External Conductors	Cl.26 of IS 302-2-12 /IEC 60335-2-12	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
161	Warming Plates and Similar Appliances	Provision for Earthing	Cl.27 of IS 302-2-12 /IEC 60335-2-12	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
162	Warming Plates and Similar Appliances	Screws and Connections	Cl.28 of IS 302-2-12 /IEC 60335-2-12	0 V to 99.9V, 1 N to 50 N	Permanent
163	Warming Plates and Similar Appliances	Creepage distances and Clearances	Cl.29 of IS 302-2-12 /IEC 60335-2-12	0.1 to 150mm	Permanent
164	Warming Plates and Similar Appliances	Resistance to heat and fire and tracking	Cl.30 of IS 302-2-12 /IEC 60335-2-12	(0.1 to 150) mm	Permanent
165	Warming Plates and Similar Appliances	Resistance to rusting	Cl.31 of IS 302-2-12 /IEC 60335-2-12	Qualitative	Permanent
166	Warming Plates and Similar Appliances	Radiation hazards	Cl.32 of IS 302-2-12 /IEC 60335-2-12	Qualitative	Permanent
167	Frying Pans, Deep Fat Fryers and Similar Appliances	Rating	Cl.5 of IS 302-2-13 /IEC 60335-2-13/ IEC 60335-2-13	Qualitative	Permanent
168	Frying Pans, Deep Fat Fryers and Similar Appliances	Classification	Cl.6 of IS 302-2-13 /IEC 60335-2-13	Qualitative	Permanent



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Certificate No.: T-0024

Issue date :17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
169	Frying Pans, Deep Fat Fryers and Similar Appliances	Marking	Cl.7 of IS 302-2-13 /IEC 60335-2-13	1 s to 60s	Permanent
170	Frying Pans, Deep Fat Fryers and Similar Appliances	Protection Against Electric shock	Cl.8 of IS 302-2-13 /IEC 60335-2-13	0-99.9V, 1 N to 50 N	Permanent
171	Frying Pans, Deep Fat Fryers and Similar Appliances	Starting of motor – operated appliances	Cl.9 of IS 302-2-13 /IEC 60335-2-13	(0.1 to 5000) Watt	Permanent
172	Frying Pans, Deep Fat Fryers and Similar Appliances	Input and Current	Cl.10 of IS 302-2-13 /IEC 60335-2-13	(0.1 to 5000) Watt, 0-50A	Permanent
173	Frying Pans, Deep Fat Fryers and Similar Appliances	Temperature rise	Cl.11 of IS 302-2-13 /IEC 60335-2-13	(0.1 to 300)°C	Permanent
174	Frying Pans, Deep Fat Fryers and Similar Appliances	Operation under overload conditions of appliances with heating elements	Cl.12 of IS 302-2-13 /IEC 60335-2-13	Qualitative	Permanent
175	Frying Pans, Deep Fat Fryers and Similar Appliances	Electrical insulation and Leakage Current at operating temperature	Cl.13 of IS 302-2-13 /IEC 60335-2-13	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
176	Frying Pans, Deep Fat Fryers and Similar Appliances	Radio and Television Interference Suppression	Cl.14 of IS 302-2-13 /IEC 60335-2-13	0-5kV, 0-9.99Sec	Permanent
177	Frying Pans, Deep Fat Fryers and Similar Appliances	Moisture Resistance	Cl.15 of IS 302-2-13 /IEC 60335-2-13	20 to 99%RH, (0°C to 60°C)	Permanent
178	Frying Pans, Deep Fat Fryers and Similar Appliances	Insulation Resistance and Electric Strength (After humidity treatment)	Cl.16 of IS 302-2-13 /IEC 60335-2-13	1 kV to 5kV, 0.05 mA to 5 mA,20 mA to 250 mA,1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
179	Frying Pans, Deep Fat Fryers and Similar Appliances	Overload Protection	Cl.17 of IS 302-2-13 /IEC 60335-2-13	1 V to 350V, 1 W to 5000W, (0.1 to 300)°C	Permanent



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Issue date :17.10.2025

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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
180	Frying Pans, Deep Fat Fryers and Similar Appliances	Abnormal Operation	Cl.19 of IS 302-2-13 /IEC 60335-2-13	(0.1 to 300)°C	Permanent
181	Frying Pans, Deep Fat Fryers and Similar Appliances	Stability and Mechanical hazards	Cl.20 of IS 302-2-13 /IEC 60335-2-13	(0.1 to 300)°C, 10° & 5°, 1 to 5 N	Permanent
182	Frying Pans, Deep Fat Fryers and Similar Appliances	Mechanical Strength	Cl.21 of IS 302-2-13 /IEC 60335-2-13	0.1Nm to 6 Nm	Permanent
183	Frying Pans, Deep Fat Fryers and Similar Appliances	Construction	Cl.22 of IS 302-2-13 /IEC 60335-2-13	1 N to 250N	Permanent
184	Frying Pans, Deep Fat Fryers and Similar Appliances	Internal Wiring	Cl.23 of IS 302-2-13 /IEC 60335-2-13	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
185	Frying Pans, Deep Fat Fryers and Similar Appliances	Components	Cl.24 of IS 302-2-13 /IEC 60335-2-13	Qualitative	Permanent
186	Frying Pans, Deep Fat Fryers and Similar Appliances	Supply Connection and External Flexible Cord	Cl.25 of IS 302-2-13 /IEC 60335-2-13	1 to 20000 flexing	Permanent
187	Frying Pans, Deep Fat Fryers and Similar Appliances	Terminal for External Conductors	Cl.26 of IS 302-2-13 /IEC 60335-2-13	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
188	Frying Pans, Deep Fat Fryers and Similar Appliances	Provision for Earthing	Cl.27 of IS 302-2-13 /IEC 60335-2-13	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
189	Frying Pans, Deep Fat Fryers and Similar Appliances	Screws and Connections	Cl.28 of IS 302-2-13 /IEC 60335-2-13	0 V to 99.9V, 1 N to 50 N	Permanent
190	Frying Pans, Deep Fat Fryers and Similar Appliances	Creepage distances and Clearances	Cl.29 of IS 302-2-13 /IEC 60335-2-13	0.1 to 150mm	Permanent
191	Frying Pans, Deep Fat Fryers and Similar Appliances	Resistance to heat, fire and tracking	Cl.30 of IS 302-2-13 /IEC 60335-2-13	(0.1 to 150) mm	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
192	Frying Pans, Deep Fat Fryers and Similar Appliances	Resistance to rusting	Cl.31 of IS 302-2-13 /IEC 60335-2-13	Qualitative :20°C to 100°C	Permanent
193	Frying Pans, Deep Fat Fryers and Similar Appliances	Radiation hazards	Cl.32 of IS 302-2-13 /IEC 60335-2-13	Qualitative	Permanent
194	Electric stoves	Rating	Cl.5 of IS 302-2-202	Qualitative	Permanent
195	Electric stoves	Classification	Cl.6 of IS 302-2-202	Qualitative	Permanent
196	Electric stoves	Marking	Cl.7 of IS 302-2-202	1 s to 60s	Permanent
197	Electric stoves	Protection against electric Shock	Cl.8 of IS 302-2-202	0-99.9V, 1 N to 50 N	Permanent
198	Electric stoves	Input and current	Cl.10 of IS 302-2-202	(0.1 to 5000) Watt, 0-50A	Permanent
199	Electric stoves	Temperature rise	Cl.11 of IS 302-2-202	(0.1 to 300)°C	Permanent
200	Electric stoves	Operation under overload conditions of appliances with Heating elements	Cl.12 of IS 302-2-202	Qualitative	Permanent
201	Electric stoves	Electrical insulation and Leakage current at operating Temperature	Cl.13 of IS 302-2-202	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
202	Electric stoves	Radio and television Interference suppression	Cl.14 of IS 302-2-202	0-5kV, 0-9.99Sec	Permanent
203	Electric stoves	Moisture resistance	Cl.15 of IS 302-2-202	20 to 99%RH, (0°C to 60°C)	Permanent
204	Electric stoves	Insulation Resistance and Electric Strength (After humidity treatment)	Cl.16 of IS 302-2-202	1 kV to 5 kV, 0.05 mA to 5 mA, 20 mA to 250 mA, 1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
205	Electric stoves	Abnormal operation	Cl.19 of IS 302-2-202	(0.1 to 300)°C	Permanent
206	Electric stoves	Stability and mechanical hazards	Cl.20 of IS 302-2-202	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent



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Certificate No.: T-0024

Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
207	Electric stoves	Mechanical strength	Cl.21 of IS 302-2-202	0.1Nm to 6 Nm	Permanent
208	Electric stoves	Construction	Cl.22 of IS 302-2-202	1 N to 250N	Permanent
209	Electric stoves	Internal wiring	Cl.23 of IS 302-2-202	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
210	Electric stoves	Components	Cl.24 of IS 302-2-202	Qualitative	Permanent
211	Electric stoves	Supply connections and external Flexible cables and cords	Cl.25 of IS 302-2-202	1 to 20000 flexing	Permanent
212	Electric stoves	Terminals for external conductors	Cl.26 of IS 302-2-202	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
213	Electric stoves	Provision for earthing	Cl.27 of IS 302-2-202	(0.1 to 25)A & (0.01 to 5)V	Permanent
214	Electric stoves	Screw and connections	Cl.28 of IS 302-2-202	0.1Nm to 6 Nm	Permanent
215	Electric stoves	Creepage distances and clearances	Cl.29 IS 302-2-202	0.1 to 150mm	Permanent
216	Electric stoves	Resistance to heat, fire and tracking	Cl.30 of IS 302-2-202	(0.1 to 150) mm	Permanent
217	Electric stoves	Resistance to rusting	Cl.31 of IS 302-2-202	Qualitative :20°C to 100°C	Permanent
218	Electric stoves	Radiation hazards	Cl.32 of IS 302-2-202	Qualitative	Permanent
219	Range hoods	Classifiaction	Cl.6 of IS 302-2-31	Qualitative	Permanent
220	Range hoods	Marking and instructions	Cl.7 of IS 302-2-31	1 s to 60s	Permanent
221	Range hoods	Protection against access to live parts	Cl.8 of IS 302-2-31	0-99.9V, 1 N to 50 N	Permanent
222	Range hoods	Power input and current	Cl.10 of IS 302-2-31	(0.1 to 5000) Watt, 0-50A	Permanent
223	Range hoods	Heating	Cl.11 of IS 302-2-31	(0.1 to 300)°C	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
224	Range hoods	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-31	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
225	Range hoods	Transient over voltage	Cl.14 of IS 302-2-31	0-5kV, 0-9.99Sec	Permanent
226	Range hoods	Moisture resistance	Cl.15 of IS 302-2-31	20 to 99%R, (0°C to 60°C)	Permanent
227	Range hoods	Leakage current & electric strength	Cl.16 of IS 302-2-31	1 kV to 5kV, 0.05 mA to 5 mA, 20 mA to 250 mA, 1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
228	Range hoods	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-31	Qualitative :1 V to 350V, 1 W to 5000 W,(0.1 to 300)°C	Permanent
229	Range hoods	Abnormal operation	Cl.19 of IS 302-2-31	(0.1 to 300)°C	Permanent
230	Range hoods	Stability and mechanical hazards	Cl.20 of IS 302-2-31	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
231	Range hoods	Mechanical strength	Cl.21 of IS 302-2-31	0.1Nm to 6 Nm	Permanent
232	Range hoods	Construction	Cl.22 of IS 302-2-31	1 N to 250N	Permanent
233	Range hoods	Internal wiring	Cl.23 of IS 302-2-31	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
234	Range hoods	Components	Cl.24 of IS 302-2-31	Qualitative	Permanent
235	Range hoods	Supply connection and external flexible cords	Cl.25 of IS 302-2-31	1 to 20000 flexing	Permanent
236	Range hoods	Terminals for external conductors	Cl.26 of IS 302-2-31	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
237	Range hoods	Provision for earthing	Cl.27 of IS 302-2-31	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
238	Range hoods	Screw and connections	Cl.28 of IS 302-2-31	0.1Nm to 6 Nm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
239	Range hoods	Clearances, creepage distances And solid insulation	Cl.29 of IS 302-2-31	0.1 to 150mm	Permanent
240	Range hoods	Resistance to heat and fire	Cl.30 of IS 302-2-31	(0.1 to 150) mm	Permanent
241	Range hoods	Resistance to rusting	Cl.31 of IS 302-2-31	Qualitative :20°C to 100°C	Permanent
242	Range hoods	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-31	Qualitative	Permanent
243	Electric coffee makers	Classifiaction	Cl.6 of IS 302-2-206	Qualitative	Permanent
244	Electric coffee makers	Marking	Cl.7 of IS 302-2-206	1 s to 60s	Permanent
245	Electric coffee makers	Protection against electric shock	Cl.8 of IS 302-2-206	0-99.9V, 1 N to 50 N	Permanent
246	Electric coffee makers	Starting of motor operated appliances	Cl.9 of IS 302-2-206	(0.1 to 5000) Watt	Permanent
247	Electric coffee makers	Input	Cl.10 of IS 302-2-206	(0.1 to 5000) Watt, 0-50A	Permanent
248	Electric coffee makers	Temperatijre rise	Cl.11 of IS 302-2-206	(0.1 to 300)°C	Permanent
249	Electric coffee makers	Operation under overload conditions of appliances with heating elements	Cl.12 of IS 302-2-206	Qualitative	Permanent
250	Electric coffee makers	Electrical insulation and leakage Current at operating temperature	Cl.13 of IS 302-2-206	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
251	Electric coffee makers	Radio and television Interference suppression	Cl.14 of IS 302-2-206	0-5kV, 0-9.99Sec	Permanent
252	Electric coffee makers	Moisture resistance	Cl.15 of IS 302-2-206	20 to 99%R, (0°C to 60°C)	Permanent
253	Electric coffee makers	Insulation resistance and electric strength (after humidity treatment)	Cl.16 of IS 302-2-206	1 kV to 5kV, 0.05 mA to 5 mA, 20 mA to 250 mA, 1µA to 1000 µA, 0.1mA to 19.99mA	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
254	Electric coffee makers	Overload protection	Cl.17 of IS 302-2-206	Qualitative : 1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
255	Electric coffee makers	Endurance	Cl.18 of IS 302-2-206	(0.1 to 5000) Watt, 0-50A	Permanent
256	Electric coffee makers	Abnormal operation	Cl.19 of IS 302-2-206	(0.1 to 300)°C	Permanent
257	Electric coffee makers	Stability and mechanical hazards	Cl.20 of IS 302-2-206	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
258	Electric coffee makers	Mechanical strength	Cl.21 of IS 302-2-206	0.1Nm to 6 Nm	Permanent
259	Electric coffee makers	Construction	Cl.22 of IS 302-2-206	1 N to 250N	Permanent
260	Electric coffee makers	Internal wiring	Cl.23 of IS 302-2-206	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
261	Electric coffee makers	Component	Cl.24 of IS 302-2-206	Qualitative	Permanent
262	Electric coffee makers	Supply connection and external flexible cables and cords	Cl.25 of IS 302-2-206	1 to 20000 flexing	Permanent
263	Electric coffee makers	Terminals for external conductors	Cl.26 of IS 302-2-206	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
264	Electric coffee makers	Provision for earthing	Cl.27 of IS 302-2-206	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
265	Electric coffee makers	Screw and connections	Cl.28 of IS 302-2-206	0.1Nm to 6 Nm	Permanent
266	Electric coffee makers	Creepage distance and clearances	Cl.29 of IS 302-2-206	0.1 to 150mm	Permanent
267	Electric coffee makers	Resistance to heat fire and tracking	Cl.30 of IS 302-2-206	(0.1 to 150) mm	Permanent
268	Electric coffee makers	Resistance to rusting	Cl.31 of IS 302-2-206	Qualitative : 20°C to 100°C	Permanent
269	Electric coffee makers	Radiation hazards	Cl.32 of IS 302-2-206	Qualitative	Permanent
270	Low speed food Grinding machines	Rating	Cl.5 of IS 302-2-209	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
271	Low speed food Grinding machines	Classification	Cl.6 of IS 302-2-209	Qualitative	Permanent
272	Low speed food Grinding machines	Marking	Cl.7 of IS 302-2-209	1 s to 60s	Permanent
273	Low speed food Grinding machines	Protection against electric	Cl.8 of IS 302-2-209	0-99.9V, 1 N to 50 N	Permanent
274	Low speed food Grinding machines	Starting of motor-operating appliances	Cl.9 of IS 302-2-209	(0.1 to 5000) Watt	Permanent
275	Low speed food Grinding machines	Input and current	Cl.10 of IS 302-2-209	(0.1 to 5000) Watt, 0-50A	Permanent
276	Low speed food Grinding machines	Temperature rise	Cl.11 of IS 302-2-209	(0.1 to 300)°C	Permanent
277	Low speed food Grinding machines	Electrical insulation and leakage current at operating temperature	Cl.13 of IS 302-2-209	(500V/1000V, 0-1000Mohm) , 0.1 to 5Kv	Permanent
278	Low speed food Grinding machines	Radio and television Interference suppression	Cl.14 of IS 302-2-209	0-5kV, 0-9.99Sec	Permanent
279	Low speed food Grinding machines	Moisture resistance	Cl.15 of IS 302-2-209	20 to 99%R, (0°C to 60°C)	Permanent
280	Low speed food Grinding machines	Insulation resistance and electric shock strength (after humidity treatment)	Cl.16 of IS 302-2-209	1 kV to 5 kV, 0.05 mA to 5 mA, 20 mA to 250 mA, 1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
281	Low speed food Grinding machines	Overload protection	Cl.17 of IS 302-2-209	Qualitative : 1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
282	Low speed food Grinding machines	Abnormal operation	Cl.19 of IS 302-2-209	(0.1 to 300)°C	Permanent
283	Low speed food Grinding machines	Stability and mechanical hazards	Cl.20 of IS 302-2-209	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
284	Low speed food Grinding machines	Mechanical strength	Cl.21 of IS 302-2-209	0.1Nm to 6 Nm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
285	Low speed food Grinding machines	Construction	Cl.22 of IS 302-2-209	1 N to 250N	Permanent
286	Low speed food Grinding machines	Internal wiring	Cl.23 of IS 302-2-209	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
287	Low speed food Grinding machines	Components	Cl.24 of IS 302-2-209	Qualitative	Permanent
288	Low speed food Grinding machines	Supply connection and External flexible cables And cords	Cl.25 of IS 302-2-209	1 to 20000 flexing	Permanent
289	Low speed food Grinding machines	Terminals for external conductors	Cl.26 of IS 302-2-209	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
290	Low speed food Grinding machines	Provision for earthing	Cl.27 of IS 302-2-209	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
291	Low speed food Grinding machines	Screw and connections	Cl.28 of IS 302-2-209	0.1Nm to 6 Nm	Permanent
292	Low speed food Grinding machines	Creepage distance and clearances	Cl.29 of IS 302-2-209	0.1 to 150mm	Permanent
293	Low speed food Grinding machines	Resistance to heat fire and tracking	Cl.30 of IS 302-2-209	(0.1 to 150) mm	Permanent
294	Low speed food Grinding machines	Resistance to rusting	Cl.31 of IS 302-2-209	20°C to 100°C	Permanent
295	Low speed food Grinding machines	Radiation hazards	Cl.32 of IS 302-2-209	Qualitative	Permanent
296	Low speed food Grinding machines	Sampling procedure for acceptance tests	Annex B of IS 302-2-209	Qualitative	Permanent
297	Low speed food Grinding machines	Electronic circuits	Annex C of IS 302-2-209	Qualitative	Permanent
298	Low speed food Grinding machines	Measurement of temperature with thermometers	Annex D of IS 302-2-209	Qualitative	Permanent
299	Low speed food Grinding machines	Alternative tests for protected motor units	Annex E of IS 302-2-209	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
300	Low speed food Grinding machines	Impact test apparatus	Annex F of IS 302-2-209	Qualitative	Permanent
301	Low speed food Grinding machines	Thermal controls and overload releases	Annex G of I IS 302-2-209	Qualitative	Permanent
302	Low speed food Grinding machines	Measurement of creepage distances and clearances	ANNEX H of IS 302-2-209	Qualitative	Permanent
303	Low speed food Grinding machines	Test for fire resisting properties	ANNEX J of IS 302-2-209	Qualitative	Permanent
304	Commercial Dispensing Appliances and Vending Machines	CLASSIFIATION	Cl.6 of IS 302-2-75	Qualitative	Permanent
305	Commercial Dispensing Appliances and Vending Machines	Marking and Instructions	Cl.7 of IS 302-2-75	Qualitative	Permanent
306	Commercial Dispensing Appliances and Vending Machines	Protection Against Access to Live Parts	Cl.8 of IS 302-2-75	Qualitative	Permanent
307	Commercial Dispensing Appliances and Vending Machines	Power input and Current	Cl.10 of IS 302-2-75	(10.1 to 5000) Watt	Permanent
308	Commercial Dispensing Appliances and Vending Machines	Heating	Cl.11 of IS 302-2-75	(0.1 to 300)°C	Permanent
309	Commercial Dispensing Appliances and Vending Machines	Leakage current and Electric Strength at operating Temperature	Cl.13 of IS 302-2-75	(1 to 500) µA	Permanent
310	Commercial Dispensing Appliances and Vending Machines	Transient over voltages	Cl.14 of IS 302-2-75	Qualitative	Permanent
311	Commercial Dispensing Appliances and Vending Machines	Moisture Resistance	Cl.15 of IS 302-2-75	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
312	Commercial Dispensing Appliances and Vending Machines	Leakage current and electric strength	Cl.16 of IS 302-2-75	(1 to 500) μ A	Permanent
313	Commercial Dispensing Appliances and Vending Machines	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-75	Qualitative	Permanent
314	Commercial Dispensing Appliances and Vending Machines	Abnormal operation	Cl.19 of IS 302-2-75	(25 to 300) $^{\circ}$ C	Permanent
315	Commercial Dispensing Appliances and Vending Machines	Stability and mechanical hazards	Cl.20 of IS 302-2-75	Qualitative	Permanent
316	Commercial Dispensing Appliances and Vending Machines	Mechanical Strength	Cl.21 of IS 302-2-75	Qualitative	Permanent
317	Commercial Dispensing Appliances and Vending Machines	Construction	Cl.22 of IS 302-2-75	Qualitative	Permanent
318	Commercial Dispensing Appliances and Vending Machines	Internal Wiring	Cl.23 of IS 302-2-75	Qualitative	Permanent
319	Commercial Dispensing Appliances and Vending Machines	Components	Cl.24 of IS 302-2-75	Qualitative	Permanent
320	Commercial Dispensing Appliances and Vending Machines	Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-75	Qualitative	Permanent
321	Commercial Dispensing Appliances and Vending Machines	Terminals for External Conductors	Cl.26 of IS 302-2-75	Qualitative	Permanent
322	Commercial Dispensing Appliances and Vending Machines	Provision for Earthing	Cl.27 of IS 302-2-75	(0.1 to 25)A & (0.01 to 5)V	Permanent
323	Commercial Dispensing Appliances and Vending Machines	Screw and Connections	Cl.28 of IS 302-2-209	0.1Nm to 6 Nm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
324	Commercial Dispensing Appliances and Vending Machines	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-75	0.1 to 150mm	Permanent
325	Commercial Dispensing Appliances and Vending Machines	Resistance to heat and fire	Cl.30 of IS 302-2-75	(0.1 to 150) mm	Permanent
326	Commercial Dispensing Appliances and Vending Machines	Resistance to rusting	Cl.31 of IS 302-2-75	Qualitative :20°C to 100°C	Permanent
327	Commercial Dispensing Appliances and Vending Machines	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-75	Qualitative	Permanent
328	Room heater	Classification	Cl.6 of IS 302-2-30	Qualitative	Permanent
329	Room heater	Marking and instruction	Cl.7 of IS 302-2-30	1 s to 60s	Permanent
330	Room heater	Protection against access to live parts	Cl.8 of IS 302-2-30	0-99.9V, 1 N to 50 N	Permanent
331	Room heater	Power input and current	Cl.10 of IS 302-2-30	(0.1 to 5000) Watt, 0-50A	Permanent
332	Room heater	Heating	Cl.11 of IS 302-2-30	(0.1 to 300)°C	Permanent
333	Room heater	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-30	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
334	Room heater	Transient over voltage	Cl.14 of IS 302-2-30	0-5kV, 0-9.99Sec	Permanent
335	Room heater	Moisture resistance	Cl.15 of IS 302-2-30	20 to 99%R, (0°C to 60°C)	Permanent
336	Room heater	Leakage current and electric strength	Cl.16 of IS 302-2-30	1 kV to 5kV, 0.05 mA to 5 mA,20 mA to 250 mA,1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
337	Room heater	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-30	Qualitative :1 V to 350V, 1 W to 5000 W,(0.1 to 300)°C	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
338	Room heater	Abnormal operation	Cl.19 of IS 302-2-30	(0.1 to 300)°C	Permanent
339	Room heater	Stability and mechanical hazards	Cl.20 of IS 302-2-30	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
340	Room heater	Mechanical strength	Cl.21 of IS 302-2-30	0.1Nm to 6 Nm	Permanent
341	Room heater	Construction	Cl.22 of IS 302-2-30	1 N to 250N	Permanent
342	Room heater	Internal wiring	Cl.23 of IS 302-2-30	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
343	Room heater	Components	Cl.24 of IS 302-2-30	Qualitative	Permanent
344	Room heater	Supply connection and external flexible cord	Cl.25 of IS 302-2-30	1 to 20000 flexing	Permanent
345	Room heater	Terminal for external conductors	Cl.26 of IS 302-2-30	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
346	Room heater	Provision for earthing	Cl.27 of IS 302-2-30	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
347	Room heater	Screws and connections	Cl.28 of IS 302-2-30	0 V to 99.9V, 1 N to 50 N	Permanent
348	Room heater	Clearance, creepage distances and solid insulation	Cl.29 of IS 302-2-30	0.1 to 150mm	Permanent
349	Room heater	Resistance to heat and fire	Cl.30 of IS 302-2-30	(0.1 to 150) mm	Permanent
350	Room heater	Resistance to rusting	Cl.31 of IS 302-2-30	Qualitative :20°C to 100°C	Permanent
351	Room heater	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-30	Qualitative	Permanent
352	Appliances for Heating Liquids	Classification	Cl.6 of IS 302-2-15	Qualitative	Permanent
353	Appliances for Heating Liquids	Marking and Instructions	Cl.7 of IS 302-2-15	1 s to 60s	Permanent



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Address: A-7, Kh. No-234, Pragati Enclave, Lane Number 22,
Mukundpur, Part-2, North Delhi-- 110042, Delhi

Certificate No.: T-0024

Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
354	Appliances for Heating Liquids	Protection Against Access to Live Parts	Cl.8 of IS 302-2-15	0-99.9V, 1 N to 50 N	Permanent
355	Appliances for Heating Liquids	Power input and Current	Cl.10 of IS 302-2-15	(0.1 to 5000) Watt, 0-50A	Permanent
356	Appliances for Heating Liquids	Heating	Cl.11 of IS 302-2-15	(0.1 to 300)°C	Permanent
357	Appliances for Heating Liquids	Leakage Current and Electric Strength at operating temperature	Cl.13 of IS 302-2-15	(500V/1000V, 0-1000Mohm) , 0.1 to 5Kv	Permanent
358	Appliances for Heating Liquids	Transient Over Voltage	Cl.14 of IS 302-2-15	0-5kV, 0-9.99Sec	Permanent
359	Appliances for Heating Liquids	Moisture Resistance	Cl.15 of IS 302-2-15	20 to 99%R, (0°C to 60°C)	Permanent
360	Appliances for Heating Liquids	Leakage Current and Electric Strength	Cl.16 of IS 302-2-15	1 kV to 5kV, 0.05 mA to 5 mA, 20 mA to 250 mA, 1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
361	Appliances for Heating Liquids	Overload protection of transformers associated circuits	Cl.17 of IS 302-2-15	1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
362	Appliances for Heating Liquids	Abnormal Operation	Cl.19 of IS 302-2-15	(0.1 to 300)°C	Permanent
363	Appliances for Heating Liquids	Stability and Mechanical hazards	Cl.20 of IS 302-2-15	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
364	Appliances for Heating Liquids	Mechanical Strength	Cl.21 of IS 302-2-15	0.1Nm to 6 Nm	Permanent
365	Appliances for Heating Liquids	Construction	Cl.22 of IS 302-2-15	1 N to 250N	Permanent
366	Appliances for Heating Liquids	Internal Wiring	Cl.23 of IS 302-2-15	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
367	Appliances for Heating Liquids	Components	Cl.24 of IS 302-2-15	Qualitative	Permanent



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Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
368	Appliances for Heating Liquids	Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-15	1 to 20000 flexing	Permanent
369	Appliances for Heating Liquids	Terminal for External Conductors	Cl.26 of IS 302-2-15	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
370	Appliances for Heating Liquids	Provision for Earthing	Cl.27 of IS 302-2-15	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
371	Appliances for Heating Liquids	Screws and Connections	Cl.28 of IS 302-2-15	0 V to 99.9V, 1 N to 50 N	Permanent
372	Appliances for Heating Liquids	Clearances, Creepage distances and solid insulation	Cl.29 of IS 302-2-15	0.1 to 150mm	Permanent
373	Appliances for Heating Liquids	Resistance to heat and fire	Cl.30 of IS 302-2-15	(0.1 to 150) mm	Permanent
374	Appliances for Heating Liquids	Resistance to rusting	Cl.31 of IS 302-2-15	20°C to 100°C	Permanent
375	Appliances for Heating Liquids	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-15	Qualitative	Permanent
376	Appliances for Heating Liquids	AGEING TEST ON MOTORS	ANNEX C of IS 302-2-15	Qualitative	Permanent
377	Toasters, Grills, Roasters and Similar Appliances	Classification	Cl.6 of IS 302-2-9	Qualitative	Permanent
378	Toasters, Grills, Roasters and Similar Appliances	Marking and Instructions	Cl.7 of IS 302-2-9	1 s to 60s	Permanent
379	Toasters, Grills, Roasters and Similar Appliances	Protection Against Access to Live Parts	Cl.8 of IS 302-2-9	0-99.9V, 1 N to 50 N	Permanent
380	Toasters, Grills, Roasters and Similar Appliances	Power input and Current	Cl.10 of IS 302-2-9	(0.1 to 5000) Watt, 0-50A	Permanent



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Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
381	Toasters, Grills, Roasters and Similar Appliances	Heating	Cl.11 of IS 302-2-9	(0.1 to 300)°C	Permanent
382	Toasters, Grills, Roasters and Similar Appliances	Leakage Current and Electric Strength at operating temperature	Cl.13 of IS 302-2-9	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
383	Toasters, Grills, Roasters and Similar Appliances	Transient Over Voltage	Cl.14 of IS 302-2-9	0-5kV, 0-9.99Sec	Permanent
384	Toasters, Grills, Roasters and Similar Appliances	Moisture Resistance	Cl.15 of IS 302-2-9	20 to 99%R, (0°C to 60°C)	Permanent
385	Toasters, Grills, Roasters and Similar Appliances	Leakage Current and Electric Strength	Cl.16 of IS 302-2-9	1 kV to 5kV, 0.05 mA to 5 mA,20 mA to 250 mA,1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
386	Toasters, Grills, Roasters and Similar Appliances	Overload protection of transformers associated circuits	Cl.17 of IS 302-2-9	1 V to 350V, 1 W to 5000 W,(0.1 to 300)°C	Permanent
387	Toasters, Grills, Roasters and Similar Appliances	Abnormal Operation	Cl.19 of IS 302-2-9	(0.1 to 300)°C	Permanent
388	Toasters, Grills, Roasters and Similar Appliances	Stability and Mechanical hazards	Cl.20 of IS 302-2-9	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
389	Toasters, Grills, Roasters and Similar Appliances	Mechanical Strength	Cl.21 of IS 302-2-9	0.1Nm to 6 Nm	Permanent
390	Toasters, Grills, Roasters and Similar Appliances	Construction	Cl.22 of IS 302-2-9	1 N to 250N	Permanent
391	Toasters, Grills, Roasters and Similar Appliances	Internal Wiring	Cl.23 of IS 302-2-9	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent



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Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
392	Toasters, Grills, Roasters and Similar Appliances	Components	Cl.24 of IS 302-2-9	Qualitative	Permanent
393	Toasters, Grills, Roasters and Similar Appliances	Supply Connection and External Flexible Cord	Cl.25 of IS 302-2-9	1 to 20000 flexing	Permanent
394	Toasters, Grills, Roasters and Similar Appliances	Terminal for External Conductors	Cl.26 of IS 302-2-9	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
395	Toasters, Grills, Roasters and Similar Appliances	Provision for Earthing	Cl.27 of IS 302-2-9	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
396	Toasters, Grills, Roasters and Similar Appliances	Screws and Connections	Cl.28 of IS 302-2-9	0 V to 99.9V, 1 N to 50 N	Permanent
397	Toasters, Grills, Roasters and Similar Appliances	Clearances, Creepage distances and solid insulation	Cl.29 of IS 302-2-9	0.1 to 150mm	Permanent
398	Toasters, Grills, Roasters and Similar Appliances	Resistance to heat and fire	Cl.30 of IS 302-2-9	(0.1 to 150) mm	Permanent
399	Toasters, Grills, Roasters and Similar Appliances	Resistance to rusting	Cl.31 of IS 302-2-9	20°C to 100°C	Permanent
400	Toasters, Grills, Roasters and Similar Appliances	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-9	Qualitative	Permanent
401	Toasters, Grills, Roasters and Similar Appliances	AGEING TEST ON MOTORS	ANNEX C of IS 302-2-9	Qualitative	Permanent
402	Induction hobs	Classification	Cl.6 of IS 302-2-6	Qualitative	Permanent
403	Induction hobs	Marking and instructions	Cl.7 of IS 302-2-6	1 s to 60s	Permanent
404	Induction hobs	Protection against access to live parts	Cl.8 of IS 302-2-6	0-99.9V, 1 N to 50 N	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
405	Induction hobs	Power input and current	Cl.10 of IS 302-2-6	(0.1 to 5000) Watt, 0-50A	Permanent
406	Induction hobs	Heating	Cl.11 of IS 302-2-6	(0.1 to 300)°C	Permanent
407	Induction hobs	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-6	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
408	Induction hobs	Transient over voltage	Cl.14 of IS 302-2-6	0-5kV, 0-9.99Sec	Permanent
409	Induction hobs	Moisture resistance	Cl.15 of IS 302-2-6	20 to 99%R, (0°C to 60°C)	Permanent
410	Induction hobs	Leakage current and electric strength	Cl.16 of IS 302-2-6	1 kV to 5kV, 0.05 mA to 5 mA,20 mA to 250 mA,1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
411	Induction hobs	Overload protection of transformers associated circuits	Cl.17 of IS 302-2-6	1 V to 350V, 1 W to 5000 W,(0.1 to 300)°C	Permanent
412	Induction hobs	Abnormal operation	Cl.19 of IS 302-2-6	(0.1 to 300)°C	Permanent
413	Induction hobs	Stability and mechanical hazards	Cl.20 of IS 302-2-6	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
414	Induction hobs	Mechanical strength	Cl.21 of IS 302-2-6	0.1Nm to 6 Nm	Permanent
415	Induction hobs	Construction	Cl.22 of IS 302-2-6	1 N to 250N	Permanent
416	Induction hobs	Internal wiring	Cl.23 of IS 302-2-6	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
417	Induction hobs	Components	Cl.24 of IS 302-2-6	Qualitative	Permanent
418	Induction hobs	Supply connection and external flexible cord	Cl.25 of IS 302-2-6	1 to 20000 flexing	Permanent
419	Induction hobs	Terminal for external conductors	Cl.26 of IS 302-2-6	0.5 mm to 25 mm,0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent



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Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
420	Induction hobs	Provision for earthing	Cl.27 of IS 302-2-6	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
421	Induction hobs	Screws and connections	Cl.28 of IS 302-2-6	0 V to 99.9V, 1 N to 50 N	Permanent
422	Induction hobs	Clearance, creepage distances and solid insulation	Cl.29 of IS 302-2-6	0.1 to 150mm	Permanent
423	Induction hobs	Resistance to heat and fire	Cl.30 of IS 302-2-6	(0.1 to 150) mm	Permanent
424	Induction hobs	Resistance to rusting	Cl.31 of IS 302-2-6	20°C to 100°C	Permanent
425	Induction hobs	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-6	Qualitative	Permanent
426	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Rating	Cl.5 of IS 4250	Qualitative	Permanent
427	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Classification	Cl.6 of IS 4250	Qualitative	Permanent
428	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Marking	Cl.7 of IS 4250	1 s to 60s	Permanent
429	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Safety requirements (Protection against access to live parts)	Cl.8 of IS 4250	0-99.9V, 1 N to 50 N	Permanent
430	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Endurance for motor and base assembly	Cl.9 of IS 4250	Qualitative	Permanent
431	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Operational tests (Power input and current)	Cl.10 of IS 4250	(0.1 to 5000) Watt, 0-50A	Permanent



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Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
432	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Temperature withstand test for bowl	Cl.11 of IS 4250	(0.1 to 300)°C	Permanent
433	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Test for controls (Leakage current and electric strength at operating Temperature)	Cl.12 of IS 4250	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
434	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Strength of assembly	Cl.13 of IS 4250	Qualitative	Permanent
435	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	SCHEDULE OF TESTS	Cl.14 of IS 4250	Qualitative	Permanent
436	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	ADDITIONAL SAFETY REQUIREMENTS	Annexure A of IS 4250	Qualitative	Permanent
437	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	GENERATOR LOAD SETUP	Annexure B of IS 4250	Qualitative	Permanent
438	Domestic Electric Food-Mixers (Liquidizers and Grinders) and Centrifugal Juicers	Heating Test	ANNEX C of IS 4250	(0.1 to 300)°C	Permanent
439	Electric iron	Classification and rating	Cl.6 of IS 302-2-3 /IEC 60335-2-3	Qualitative	Permanent
440	Electric iron	Marking and instructions	Cl.7 of IS 302-2-3 /IEC 60335-2-3	1 s to 60s	Permanent
441	Electric iron	Protection against access to live parts	Cl.8 of IS 302-2-3 /IEC 60335-2-3	0-99.9V, 1 N to 50 N	Permanent



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Certificate No.:

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Issue date :17.10.2025

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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
442	Electric iron	Power input and current	Cl.10 of IS 302-2-3 /IEC 60335-2-3	(0.1 to 5000) Watt, 0-50A	Permanent
443	Electric iron	Heating	Cl.11 of IS 302-2-3 /IEC 60335-2-3	(0.1 to 300)°C	Permanent
444	Electric iron	Charging of metal-ion batteries	Cl.12 of IS 302-2-3 /IEC 60335-2-3	0-30, 0-30A,-40.1 to 90°C	Permanent
445	Electric iron	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-3 /IEC 60335-2-3	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
446	Electric iron	Transient over voltage	Cl.14 of IS 302-2-3 /IEC 60335-2-3	0-5kV, 0-9.99Sec	Permanent
447	Electric iron	Moisture resistance	Cl.15 of IS 302-2-3 /IEC 60335-2-3	20 to 99%R, (0°C to 60°C)	Permanent
448	Electric iron	Leakage current and electric strength	Cl.16 of IS 302-2-3 /IEC 60335-2-3	1 kV to 5kV, 0.05 mA to 5 mA,20 mA to 250 mA,1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
449	Electric iron	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-3 /IEC 60335-2-3	1 V to 350V, 1 W to 5000 W,(0.1 to 300)°C	Permanent
450	Electric iron	Endurance	Cl.18 of IS 302-2-3 /IEC 60335-2-3	Qualitative	Permanent
451	Electric iron	Abnormal operation	Cl.19 of IS 302-2-3 /IEC 60335-2-3	(0.1 to 300)°C	Permanent
452	Electric iron	Stability and mechanical hazards	Cl.20 of IS 302-2-3 /IEC 60335-2-3	(0.1 to 300)°C	Permanent
453	Electric iron	Mechanical strength	Cl.21 of IS 302-2-3 /IEC 60335-2-3	(0.1 to 300)°C , 10° & 5°,1 to 5 N	Permanent
454	Electric iron	Construction	Cl.22 of IS 302-2-3 /IEC 60335-2-3	0.1Nm to 6 Nm	Permanent
455	Electric iron	Internal wiring	Cl.23 of IS 302-2-3 /IEC 60335-2-3	1 N to 250N	Permanent
456	Electric iron	Components	Cl.24 of IS 302-2-3 /IEC 60335-2-3	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
457	Electric iron	Supply connection and external flexible cords	Cl.25 of IS 302-2-3 /IEC 60335-2-3	1 to 20000 flexing	Permanent
458	Electric iron	Terminals for external conductors	Cl.26 of IS 302-2-3 /IEC 60335-2-3	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
459	Electric iron	Provision for earthing	Cl.27 of IS 302-2-3 /IEC 60335-2-3	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
460	Electric iron	Screws and connections	Cl.28 of IS 302-2-3 /IEC 60335-2-3	0 V to 99.9V, 1 N to 50 N	Permanent
461	Electric iron	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-3 /IEC 60335-2-3	0.1 to 150mm	Permanent
462	Electric iron	Resistance to heat ,fire and tracking	Cl.30 of IS 302-2-3 /IEC 60335-2-3	(0.1 to 150) mm	Permanent
463	Electric iron	Resistance to rusting	Cl.31 of IS 302-2-3 /IEC 60335-2-3	20°C to 100°C	Permanent
464	Electric iron	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-3 /IEC 60335-2-3	Qualitative	Permanent
465	Electric iron	Rating	Cl. 6 of IS 366 , A1+A2+A3+A4+A5+A6	Qualitative	Permanent
466	Electric iron	Classification	Cl. 7 of IS 366 , A1+A2+A3+A4+A5+A6	Qualitative	Permanent
467	Electric iron	Marking	Cl. 8 of IS 366 , A1+A2+A3+A4+A5+A6	1 s to 60s	Permanent
468	Electric iron	Safety requirement	Cl. 9 of IS 366 , A1+A2+A3+A4+A5+A6	Qualitative	Permanent
469	Electric iron	Measurement of heating –up time	Cl. 10 of IS 366 , A1+A2+A3+A4+A5+A6	(0.1 to 300)°C	Permanent
470	Electric iron	Measurement of sole plate temperature	Cl. 11 of IS 366 , A1+A2+A3+A4+A5+A6	(0.1 to 300)°C	Permanent
471	Electric iron	Measurement of temperature distribution	Cl. 12 of IS 366 , A1+A2+A3+A4+A5+A6	(0.1 to 300)°C	Permanent



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Address:

A-7, Kh. No-234, Pragati Enclave, Lane Number 22,
Mukundpur, Part-2, North Delhi-- 110042, Delhi

Certificate No.:

T-0024

Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
472	Electric iron	Measurement of initial overswing temperature and heating-up excess temperature	Cl. 13 of IS 366 , A1+A2+A3+A4+A5+A6	(0.1 to 300)°C	Permanent
473	Electric iron	Measurement of cyclic fluctuation of temperature	Cl. 14 of IS 366 , A1+A2+A3+A4+A5+A6	(0.1 to 300)°C	Permanent
474	Electric iron	Measurement of temperature drop Under load	Cl. 15 of IS 366 , A1+A2+A3+A4+A5+A6	(0.1 to 300)°C	Permanent
475	Electric iron	Measurement of thermostatic stability	Cl. 16 of IS 366 , A1+A2+A3+A4+A5+A6	(0.1 to 300)°C	Permanent
476	Electric iron	Finish	Cl. 17 of IS 366 , A1+A2+A3+A4+A5+A6	Qualitative	Permanent
477	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Classification	Cl.6 of IS 302-2-21 /IEC 60335-2-21	Qualitative	Permanent
478	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Marking and Instructions	Cl.7 of IS 302-2-21 /IEC 60335-2-21	1 s to 60s	Permanent
479	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Protection Against Access to Live Parts	Cl.8 of IS 302-2-21	0-99.9V, 1 N to 50 N	Permanent
480	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Power input and Current	Cl.10 of IS 302-2-21 /IEC 60335-2-21	(0.1 to 5000) Watt, 0-50A	Permanent
481	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Heating	Cl.11 of IS 302-2-21 /IEC 60335-2-21	(0.1 to 300)°C	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
482	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Charging of metal-ion batteries	Cl.12 of IS 302-2-21 /IEC 60335-2-21	0-30, 0-30A,-40.1 to 90°C	Permanent
483	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Leakage current and Electric Strength at operating Temperature	Cl.13 of IS 302-2-21 /IEC 60335-2-21	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
484	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Transient over Voltage	Cl.14 of IS 302-2-21 /IEC 60335-2-21	0-5kV, 0-9.99Sec	Permanent
485	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Moisture Resistance	Cl.15 of IS 302-2-21 /IEC 60335-2-21	20 to 99%R, (0°C to 60°C)	Permanent
486	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Leakage current and Electric Strength	Cl.16 of IS 302-2-21 /IEC 60335-2-21	1 kV to 5kV, 0.05 mA to 5 mA,20 mA to 250 mA,1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
487	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	OVERLOAD PROTECTION OF TRANSFORMERS AND ASSOCIATED CIRCUIT	Cl.17 of IS 302-2-21 /IEC 60335-2-21	1 V to 350V, 1 W to 5000 W,(0.1 to 300)°C	Permanent
488	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	OVERLOAD PROTECTION OF TRANSFORMERS AND ASSOCIATED CIRCUIT	Cl.18 of IS 302-2-21 /IEC 60335-2-21	Qualitative	Permanent
489	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Abnormal Operation	Cl.19 of IS 302-2-21 /IEC 60335-2-21	(0.1 to 300)°C	Permanent
490	Household and Similar Electrical Appliances	Stability and Mechanical Hazards	Cl.20 of IS 302-2-21 /IEC 60335-2-21	(0.1 to 300)°C	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	(Safety of Storage Water Heaters)				
491	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Mechanical Strength	Cl.21 of IS 302-2-21 /IEC 60335-2-21	(0.1 to 300)°C , 10° & 5°, 1 to 5 N	Permanent
492	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Construction	Cl.22 of IS 302-2-21 /IEC 60335-2-21	0.1Nm to 6 Nm	Permanent
493	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Internal Wiring	Cl.23 of IS 302-2-21 /IEC 60335-2-21	1 N to 250N	Permanent
494	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Components	Cl.24 of IS 302-2-21 /IEC 60335-2-21	Qualitative	Permanent
495	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Supply Connection and External Flexible Cords	Cl.25 of IS 302-2-21 /IEC 60335-2-21	1 to 20000 flexing	Permanent
496	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Terminals for External Conductors	Cl.26 of IS 302-2-21 /IEC 60335-2-21	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
497	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Provision for Earthing	Cl.27 of IS 302-2-21 /IEC 60335-2-21	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
498	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Screw and Connections	Cl.28 of IS 302-2-21 /IEC 60335-2-21	0.1Nm to 6 Nm	Permanent
499	Household and Similar Electrical Appliances	Clearances, Creepage distances and solid insulation	Cl.29 of IS 302-2-21 /IEC 60335-2-21	0.1 to 150mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	(Safety of Storage Water Heaters)				
500	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Resistance to Heat And Fire	Cl.30 of IS 302-2-21 /IEC 60335-2-21	(0.1 to 150) mm	Permanent
501	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Resistance to Rusting	Cl.31 of IS 302-2-21 /IEC 60335-2-21	20°C to 100°C	Permanent
502	Household and Similar Electrical Appliances (Safety of Storage Water Heaters)	Radiation, Toxicity and similar hazards	Cl.32 of IS 302-2-21 /IEC 60335-2-21	Qualitative	Permanent
503	Stationary Storage type Electric Water Heaters	CLASSIFICATION	Cl. 6 of IS 2082 , A1	Qualitative	Permanent
504	Stationary Storage type Electric Water Heaters	MARKING AND INSTRUCTIONS	Cl. 7 of IS 2082 , A1	1 s to 60s	Permanent
505	Stationary Storage type Electric Water Heaters	SAFETY REQUIREMENTS	Cl. 8 of IS 2082 , A1	Qualitative	Permanent
506	Stationary Storage type Electric Water Heaters	GENERAL CONDITIONS FOR MEASUREMENTS	Cl. 9 of IS 2082 , A1	Qualitative	Permanent
507	Stationary Storage type Electric Water Heaters	MOUNTING OF THE WATER HEATER	Cl. 10 of IS 2082 , A1	Qualitative	Permanent
508	Stationary Storage type Electric Water Heaters	MEASUREMENTS OF STORED WATER TEMPERATURE	Cl. 11 of IS 2082 , A1	(0.1 to 300)°C	Permanent
509	Stationary Storage type Electric Water Heaters	THERMOSTAT SETTING	Cl. 12 of IS 2082 , A1	Qualitative	Permanent
510	Stationary Storage type Electric Water Heaters	MEASUREMENT OF ENERGY CONSUMPTION	Cl. 13 of IS 2082 , A1	(0.1 to 5000) Watt, 0-50A	Permanent
511	Stationary Storage type Electric Water Heaters	Verification of the rated Capacity	Cl. 14 of IS 2082 , A1	(6 to 200) ltr	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
512	Stationary Storage type Electric Water Heaters	Standing loss per 24 hours	Cl. 15 of IS 2082 , A1	(0.001 to 5.0) kWh/day	Permanent
513	Stationary Storage type Electric Water Heaters	Hot Water Output	Cl. 16 of IS 2082 , A1	(0.1 to 300)°C	Permanent
514	Stationary Storage type Electric Water Heaters	Reheating Time	Cl. 17 of IS 2082 , A1	(0.01 to 24) hours	Permanent
515	Stationary Storage type Electric Water Heaters	Mixing Factor	Cl. 18 of IS 2082 , A1	(0.001 to 100)%	Permanent
516	Stationary Storage type Electric Water Heaters	DEVIATION FROM DIAL CALIBRATION	Cl. 19 of IS 2082 , A1	(0.1 to 300)°C	Permanent
517	Stationary Storage type Electric Water Heaters	CYCLIC TEMPERATURE VARIATION (DIFFERENTIAL)	Cl. 20 of IS 2082 , A1	(0.1 to 300)°C	Permanent
518	Stationary Storage type Electric Water Heaters	Finish	Cl. 21 of IS 2082 , A1	Qualitative	Permanent
519	Electric instantaneous water heater	Classification	Cl.6 of IS 302-2-35	Qualitative	Permanent
520	Electric instantaneous water heater	Marking and instructions	Cl.7 of IS 302-2-35	1 s to 60s	Permanent
521	Electric instantaneous water heater	Protection against access to live parts	Cl.8 of IS 302-2-35	0-99.9V, 1 N to 50 N	Permanent
522	Electric instantaneous water heater	Power input and current	Cl.10 of IS 302-2-35	(0.1 to 5000) Watt, 0-50A	Permanent
523	Electric instantaneous water heater	Heating	Cl.11 of IS 302-2-35	(0.1 to 300)°C	Permanent
524	Electric instantaneous water heater	Leakage current and electric strength at operating temperature	Cl.13 of IS 302-2-35	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent
525	Electric instantaneous water heater	Transient over voltage	Cl.14 of IS 302-2-35	0-5kV, 0-9.99Sec	Permanent
526	Electric instantaneous water heater	Moisture resistance	Cl.15 of IS 302-2-35	20 to 99%R, (0°C to 60°C)	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
527	Electric instantaneous water heater	Leakage current & electric strength	Cl.16 of IS 302-2-35	1 kV to 5kV, 0.05 mA to 5 mA, 20 mA to 250 mA, 1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
528	Electric instantaneous water heater	Overload protection of transformers and associated circuits	Cl.17 of IS 302-2-35	1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
529	Electric instantaneous water heater	Abnormal operation	Cl.19 of IS 302-2-35	(0.1 to 300)°C	Permanent
530	Electric instantaneous water heater	Stability and mechanical hazards	Cl.20 of IS 302-2-35	(0.1 to 300)°C, 10° & 5°, 1 to 5 N	Permanent
531	Electric instantaneous water heater	Mechanical strength	Cl.21 of IS 302-2-35	0.1Nm to 6 Nm	Permanent
532	Electric instantaneous water heater	Construction	Cl.22 of IS 302-2-35	1 N to 250N	Permanent
533	Electric instantaneous water heater	Internal wiring	Cl.23 of IS 302-2-35	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
534	Electric instantaneous water heater	Components	Cl.24 of IS 302-2-35	Qualitative	Permanent
535	Electric instantaneous water heater	Supply connection and external flexible cords	Cl.25 of IS 302-2-35	1 to 20000 flexing	Permanent
536	Electric instantaneous water heater	Terminals for external conductors	Cl.26 of IS 302-2-35	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent
537	Electric instantaneous water heater	Provision for earthing	Cl.27 of IS 302-2-35	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
538	Electric instantaneous water heater	Screw and connections	Cl.28 of IS 302-2-35	0.1Nm to 6 Nm	Permanent
539	Electric instantaneous water heater	Clearances, creepage distances and solid insulation	Cl.29 of IS 302-2-35	0.1 to 150mm	Permanent
540	Electric instantaneous water heater	Resistance to heat and fire	Cl.30 of IS 302-2-35	(0.1 to 150) mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
541	Electric instantaneous water heater	Resistance to rusting	Cl.31 of IS 302-2-35	20°C to 100°C	Permanent
542	Electric instantaneous water heater	Radiation, toxicity and similar hazards	Cl.32 of IS 302-2-35	Qualitative	Permanent
543	Electric instantaneous water heater	Rating	Cl.6 of IS 8978	Qualitative	Permanent
544	Electric instantaneous water heater	Classification	Cl.7 of IS 8978	Qualitative	Permanent
545	Electric instantaneous water heater	Marking	Cl.8 of IS 8978	1 s to 60s	Permanent
546	Electric instantaneous water heater	Safety requirements	Cl.9 of IS 8978	0-99.9V, 1 N to 50 N	Permanent
547	Electric instantaneous water heater	Finish	Cl.10 of IS 8978	Qualitative	Permanent
548	Electric instantaneous water heater	Operation of flow switch	Cl.11 of IS 8978	Qualitative	Permanent
549	Electric instantaneous water heater	Endurance	Cl.12 of IS 8978	Qualitative	Permanent
550	Electric immersion water heater	Classification	Cl. 6 of IS 368 & IS 302-2-201	Qualitative	Permanent
551	Electric immersion water heater	Marking and instructions	Cl. 7 of IS 368 & IS 302-2-201	1 s to 60s	Permanent
552	Electric immersion water heater	Protection against access to live parts	Cl. 8 of IS 368 & IS 302-2-201	0-99.9V, 1 N to 50 N	Permanent
553	Electric immersion water heater	Power input and current	Cl. 10 of IS 368 & IS 302-2-201	(0.1 to 5000) Watt, 0-50A	Permanent
554	Electric immersion water heater	Heating	Cl. 11 of IS 368 & IS 302-2-201	(0.1 to 300)°C	Permanent
555	Electric immersion water heater	Operation under overload conditions of appliances with heating elements	Cl. 12 of IS 368	(0.1 to 5000) Watt, 0-50A	Permanent
556	Electric immersion water heater	Leakage current and electric strength at	Cl.13 of IS 368 & IS 302-2-201	(500V/1000V,0-1000Mohm) , 0.1 to 5Kv	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
		operating temperature			
557	Electric immersion water heater	Transient over voltage	Cl.14 of IS 368 & IS 302-2-201	0-5kV, 0-9.99Sec	Permanent
558	Electric immersion water heater	Moisture resistance	Cl. 15 of IS 368 & IS 302-2-201	20 to 99%R, (0°C to 60°C)	Permanent
559	Electric immersion water heater	Leakage current & electric strength	Cl. 16 of IS 368 & IS 302-2-201	1 kV to kV, 0.05 mA to 5 mA, 20 mA to 250 mA, 1µA to 1000 µA, 0.1mA to 19.99mA	Permanent
560	Electric immersion water heater	Overload protection of transformers and associated circuits	Cl. 17 of IS 368 & IS 302-2-201	Qualitative : 1 V to 350V, 1 W to 5000 W, (0.1 to 300)°C	Permanent
561	Electric immersion water heater	Endurance	Cl. 18 of IS 368	(0.1 to 5000) Watt, 0-50A	Permanent
562	Electric immersion water heater	Abnormal operation	Cl. 19 of IS 368 & IS 302-2-201	(0.1 to 300)°C	Permanent
563	Electric immersion water heater	Stability and mechanical hazards	Cl. 20 of IS 368 & IS 302-2-201	(0.1 to 300)°C , 10° & 5°, 1 TO 5N	Permanent
564	Electric immersion water heater	Mechanical strength	Cl. 21 of IS 368 & IS 302-2-201	0.1Nm to 6 Nm	Permanent
565	Electric immersion water heater	Construction	Cl. 22 of IS 368 & IS 302-2-201	1 N to 250N	Permanent
566	Electric immersion water heater	Internal wiring	Cl. 23 of IS 368 & IS 302-2-201	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
567	Electric immersion water heater	Components	Cl. 24 of IS 368 & IS 302-2-201	Qualitative	Permanent
568	Electric immersion water heater	Supply connection and external flexible cords	Cl. 25 of IS 368 & IS 302-2-201	1 to 20000 flexing	Permanent
569	Electric immersion water heater	Terminals for external conductors	Cl. 26 of IS 368 & IS 302-2-201	0.5 mm to 25 mm, 0.5 mm to 150mm, 0.1 Nm to 12 Nm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
570	Electric immersion water heater	Provision for earthing	Cl. 27 of IS 368 & IS 302-2-201	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
571	Electric immersion water heater	Screw and connections	Cl. 28 of IS 368 & IS 302-2-201	0.1Nm to 6 Nm	Permanent
572	Electric immersion water heater	Clearances, creepage distances and solid insulation	Cl. 29 of IS 368 & IS 302-2-201	0.1 to 150mm	Permanent
573	Electric immersion water heater	Resistance to heat and fire	Cl. 30 of IS 368 & IS 302-2-201	(0.1 to 150) mm	Permanent
574	Electric immersion water heater	Resistance to rusting	Cl. 31 of IS 368 & IS 302-2-201	20°C to 100°C	Permanent
575	Electric immersion water heater	Radiation, toxicity and similar hazards	Cl. 32 of IS 368 & IS 302-2-201	Qualitative	Permanent
576	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	General Requirement	Cl. 4 of IS 302-1 /IEC60335-1	Qualitative	Permanent
577	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	General Condition for the Test	Cl. 5 of IS 302-1 /IEC60335-1	Qualitative	Permanent
578	Household and Similar Electrical Appliances- Safety General Requirements	Classification	Cl. 6 of IS 302-1 /IEC60335-1	Qualitative	Permanent
579	(7 Revision)	Marking and Instruction	Cl. 7 of IS 302-1 /IEC60335-1	1 s to 60s	Permanent
580	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Protection against electric shock	Cl. 8 of IS 302-1 /IEC60335-1	0-99.9V, 1 N to 100N	Permanent
581	Household and Similar Electrical Appliances-	Starting for motor operated appliances	Cl. 9 of IS 302-1 /IEC60335-1	(0.1 to 300)°C	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	Safety General Requirements (7 Revision)				
582	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Power Input and current	Cl. 10 of IS 302-1 /IEC60335-1	0.01 A to 20 A, 0.1 W to 2500 W, 0.1 V to 300 V	Permanent
583	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Heating/ Temperature Rise Test	Cl. 11 of IS 302-1 /IEC60335-1	0 °C to 300 °C	Permanent
584	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Charging of metal-ion batteries	Cl. 12 of IS 302-1 /IEC60335-1	0-30, 0-30A, -40.1 to 90°C	Permanent
585	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Leakage Current and Electric Strength at Operating Temperature	Cl. 13 of IS 302-1 /IEC60335-1	0.1 kv to 5 kV, 1 mA to 100 mA	Permanent
586	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Transient Over voltage	Cl. 14 of IS 302-1 /IEC60335-1	1-10kV (1.2/50)µs, 0.01-10 kV(10/700)µs	Permanent
587	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Moisture resistance	Cl. 15 of IS 302-1 /IEC60335-1	20% RH to 98 % RH & 0.1 to 60°C	Permanent
588	Household and Similar Electrical Appliances- Safety General	Leakage current and electric strength	Cl. 16 of IS 302-1 /IEC60335-1	0.1 kv to 5 kV, 1 mA to 250 mA	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	Requirements (7 Revision)				
589	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Overload Protection/ Overload Protection of Transformer and Associated Circuits	Cl. 17 of IS 302-1 /IEC60335-1	up to 500 V, up to 400 °C, 1 µOhm to 1.999 kOhm	Permanent
590	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Endurance	Cl. 18 of IS 302-1 /IEC60335-1	Qualitative	Permanent
591	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Abnormal Operation	Cl. 19 of IS 302-1 /IEC60335-1	0.1 kV to 5 kV, 1 mA to 100 mA, up to 500 V, up to 400°C, 1µ Ohm to 1.999Ω, Contact: Up to 8kV, Air: Up to 16kV, 1-30 V/m, 80 MHz - 3 GHz, 100V to 6kV, Waveform: 1.2/50µs 8/20µs, Short Circuit Current: 250A to 3KA, 1-10 V, 150 kHz - 80 MHz	Permanent
592	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Stability and Mechanical Hazards	Cl. 20 of IS 302-1 /IEC60335-1	1 N to 200 N, 5° to 30°	Permanent
593	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Mechanical strength	Cl. 21 of IS 302-1 /IEC60335-1	0.05J to 2.0J, 5 kg, 1 N to 200 N, 0.1 Nm to 2.5 Nm	Permanent
594	Household and Similar Electrical Appliances- Safety General	Construction	Cl. 22 of IS 302-1 /IEC60335-1	Qualitative : 1 N to 200 N, 0.01 mm to 300 mm, 1 °C to 400 °C	Permanent



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Certificate No.: T-0024

Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	Requirements (7 Revision)				
595	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Internal Wiring	Cl. 23 of IS 302-1 /IEC60335-1	1 kV to 5 kV	Permanent
596	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Components	Cl. 24 of IS 302-1 /IEC60335-1	Qualitative	Permanent
597	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Supply Connection and External Flexible Cords	Cl. 25 of IS 302-1 /IEC60335-1	30N to 100N, 0.1Nm to 6 Nm, 0.01 mm to 300mm, 0.1 kV to 5kV	Permanent
598	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Terminals for external conductors	Cl. 26 of IS 302-1 /IEC60335-1	0-150mm	Permanent
599	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Provision for earthing	Cl. 27 of IS 302-1 /IEC60335-1	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
600	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Screws and Connections	Cl. 28 of IS 302-1 /IEC60335-1	1mm to 150 mm, 0.1 Nm to 6 Nm	Permanent
601	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Creepage distance & clearances / Clearances, Creepage distances and solid insulations	Cl. 29 of IS 302-1 /IEC60335-1	1 mm to 150 mm, 0kV to 5kV	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
602	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Resistance to Heat and Fire	Cl. 30 of IS 302-1 /IEC60335-1	0°C to 100 °C, 20.1 to 95 %RH, Dia: 5 mm, 20 N, 1 mm to 150 mm, Burner Dia: 9.5 mm, Needle Dia: 0.5 mm, 20 Lux, up to 960 °C,	Permanent
603	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Resistance to Rusting	Cl. 31 of IS 302-1 /IEC60335-1	10 °C to 60 °C, 30.1 to 95 %RH	Permanent
604	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Radiation, Toxicity and Similar Hazards	Cl. 32 of IS 302-1 /IEC60335-1	Qualitative	Permanent
605	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Routine tests	Annex A of IS 302-1 /IEC60335-1	0.1 V to 30 V, 1 A to 50 A, 0.1 kv to 5 kv	Permanent
606	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Battery-operated appliances, separable batteries and detachable	Annex B of IS 302-1 /IEC60335-1	0.01 to 30Vdc, 100mA to 30A, -40 °C to 80 °C	Permanent
607	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Ageing test on motors	Annex C of IS 302-1 /IEC60335-1	0 °C to 300 °C 1 µOhm to 1.999 kOhm	Permanent
608	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Thermal motor protectors	Annex D of IS 302-1 /IEC60335-1	0 °C to 300 °C, 1 µOhm to 1.999 kOhm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
609	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Needle-flame test	Annex E of IS 302-1 /IEC60335-1	Needle Dia: 0.5 mm, 20 Lux, up to 960 °C,	Permanent
610	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Capacitors	Annex F of IS 302-1 /IEC60335-1	Qualitative	Permanent
611	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Safety isolating transformers	Annex G of IS 302-1 /IEC60335-1	0 °C to 300 °C 1 µOhm to 1.999 kOhm	Permanent
612	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Switches	Annex H of IS 302-1 /IEC60335-1	0 °C to 300 °C, 0.01 mm to 150 mm	Permanent
613	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Motors having basic insulation that is inadequate For the rated voltage of the appliance	Annex I of IS 302-1 /IEC60335-1	Qualitative	Permanent
614	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Coated printed circuit boards	Annex J of IS 302-1 /IEC60335-1	-70°C to 100°C	Permanent
615	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Overvoltage categories	Annex K of IS 302-1 /IEC60335-1	Qualitative	Permanent
616	Household and Similar Electrical Appliances-	Guidance for the measurement of	Annex L of IS 302-1 /IEC60335-1	0 °C to 300 °C, 0.01 mm to 150 mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	Safety General Requirements (7 Revision)	clearances And creepage distances			
617	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Pollution degree	Annex M of IS 302-1 /IEC60335-1	Qualitative	Permanent
618	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Proof tracking test	Annex N of IS 302-1 /IEC60335-1	0.1 to 600V; 0.1 to 1.999 A; 1 to 99 sec	Permanent
619	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Selection and sequence of the tests of Clause 30	Annex O of IS 302-1 /IEC60335-1	Qualitative	Permanent
620	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Guidance for the application of this standard to appliances Used in tropical climates	Annex P of IS 302-1 /IEC60335-1	20 °C to 60 °C, 20.1 to 95 %RH	Permanent
621	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Sequence of tests for the evaluation of electronic circuits	Annex Q of IS 302-1 /IEC60335-1	Qualitative	Permanent
622	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Software evaluation	Annex R of IS 302-1 /IEC60335-1	Qualitative	Permanent
623	Household and Similar Electrical Appliances- Safety General	Guidance for the application of this standard on measurement of	Annex S of IS 302-1 /IEC60335-1	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	Requirements (7 Revision)	power input and current based on the requirements of 10.1 and 10.2 concerning the representative period			
624	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	UV-C radiation effect on non-metallic materials	Annex T of IS 302-1 /IEC60335-1	Qualitative	Permanent
625	Household and Similar Electrical Appliances- Safety General Requirements (7 Revision)	Appliances intended for remote communication through public networks	Annex U of IS 302-1 /IEC60335-1	Qualitative	Permanent
626	Electric Ceiling Type Fans and Regulator	General requirement	Cl.4, 4.1 to 4.6 of IS 374 , A1	Qualitative	Permanent
627	Electric ceiling type fans	Rating	(Cl. 6) IS 374 , A1	Qualitative	Permanent
628	Electric ceiling type fans	Rating	Cl. 6.6.1,6.2 of IS 374 , A1	1-25 mm	Permanent
629	Electric ceiling type fans	Classification	(Cl. 7) of IS 374 , A1	Qualitative	Permanent
630	Electric ceiling type fans	Marking	(Cl. 8) of IS 374 , A1	Qualitative	Permanent
631	Electric ceiling type fans	Safety requirements	(Cl. 9) of IS 374 , A1	Qualitative	Permanent
632	Electric ceiling type fans	Speed regulators	(Cl. 10) of IS 374 , A1	1 W to1250 W/ 1W, 1V to 600V/ 1 V	Permanent
633	Electric Ceiling Type Fans	Speed regulator	Cl. 10.1 to 10.8 of IS 374 , A1	2.5 to 999.9 RPM, L.C. 0.1/1RPM 0to150/300/600 W, L.C. 1/2/4 W 0 to 150/300/600 V, L.C. 1/2/4 V 0.1 to1250 W L.C. 1 W, 0.1 to30 A, L.C. 0.01 A"	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
634	Electric ceiling type fans	Starting	(Cl. 11) of IS 374 , A1	1 W to 1250 W/ 1W, 1V to 600V/ 1 V	Permanent
635	Electric ceiling type fans	Starting	Cl. 11, 11.1, 11.2 of IS 374 , A1	0.1 to 300 V, L.C. 1 V 0.1 to 150/300/600 W, L.C. 1/2/4 W 0.1 to 1 A to 5 A, L.C. 0.02, 0.04 A"	Permanent
636	Electric ceiling type fans	Interchangeability	(Cl. 12) of IS 374 , A1	Qualitative	Permanent
637	Electric ceiling type fans	Silent operation	(Cl. 13) of IS 374 , A1	Qualitative	Permanent
638	Electric ceiling type fans	General condition of test and method of measurement of performance requirements	(Cl. 14) of IS 374 , A1	1 to 45m/s, Air Delivery Chamber 1 W to 1250 W/1W, 1V to 600V/1 V	Permanent
639	Electric Ceiling Type Fans	Measurement of speed of the fan	Cl. 14.4 , 14.4.1 of IS 374 , A1	1V to 300V, 0.1A to 5A, 1W to 1250W Air delivery 45 to 65Hz 0.1 to 1.0 pF 1 to 1000 RPM	Permanent
640	Electric ceiling type fans	Measurement of power factor and power input	Cl. 14.5 of IS 374 , A1	0.1 to 999.999V, L.C. 0.001 0.1 to 4.999 amp L.C. 0.0001 0.1 to 60Hz, L.C. 0.001	Permanent
641	Electric ceiling type fans	Performance requirements	(Cl. 15) of IS 374 , A1	0.01 to 1 pf/ 0.001 pf	Permanent
642	Electric ceiling type fans	Performance requirements	Cl. 15.1, 15.2 of IS 374 , A1	1V to 300V, 0.1A to 5A, 1W to 1250W Air delivery 45 to 65Hz 0.1 to 1.0 pF 1 to 1000 RPM	Permanent
643	Electric ceiling type fans	Endurance	(Cl. 16) of IS 374 , A1	1 W to 1250 W/ 1W, 1V to 600V/ 1 V	Permanent
644	Electric ceiling type fans	Test for harmonic distortion	(Cl. 17) of IS 374 , A1	1st to 40th Harmonics	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
645	Electric table types fans and regulator	General and safety requirements	(Cl. 7) of IS 555 , A1+A2	Qualitative	Permanent
646	Electric table types fans and regulator	Performance requirements	(Cl. 8) of IS 555 , A1+A2	Qualitative	Permanent
647	Electric table types fans and regulator	Marking	(Cl. 9) of IS 555 , A1+A2	1 s to 60s	Permanent
648	Electric table types fans and regulator	Tests	(Cl. 10) of IS 555 , A1+A2	Qualitative	Permanent
649	Electric table types fans and regulator	Air delivery test	(Cl. 10.3) IS 555 , A1+A2	Qualitative	Permanent
650	Electric table types fans and regulator	Cord grip test	(Cl. 10.14) IS 555 , A1+A2	0.1 Kg- 8 kg	Permanent
651	Electric table types fans and regulator	Creepage distance and clearances	(Cl. 10.16) IS 555 , A1+A2	0.1 to 25 mm	Permanent
652	Electric table types fans and regulator	Earthing connections	(Cl. 10.10) IS 555 , A1+A2	0.1 A to 50A, 1 V to 300 V,	Permanent
653	Electric table types fans and regulator	Fan speed and input	(Cl. 10.9) IS 555 , A1+A2	Qualitative	Permanent
654	Electric table types fans and regulator	High voltage test	(Cl. 10.6) IS 555 , A1+A2	(500V/1000V, 0.1 to 100 MΩ 0.1 to 5KV, 0.1 to 5mA	Permanent
655	Electric table types fans and regulator	Insulation resistance test	(Cl. 10.7.1) IS 555 , A1+A2	0.1 to 100 MΩ	Permanent
656	Electric table types fans and regulator	Leakage current	(Cl. 10.5) IS 555 , A1+A2	0.1 to 5mA	Permanent
657	Electric table types fans and regulator	Moisture resistance	(Cl. 10.12) IS 555 , A1+A2	20.1 to 99%R, 0.1 to 60°C	Permanent
658	Electric table types fans and regulator	Protection against electric shock	(Cl. 10.11) IS 555 , A1+A2	0.1 to 65V, 1 N to 50 N	Permanent
659	Electric table types fans and regulator	Starting input and current	(Cl. 10.8) IS 555 , A1+A2	1V to 600 V	Permanent
660	Electric table types fans and regulator	Temperature rise	(Cl. 10.4) IS 555 , A1+A2	0.1 to 300°C	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
661	Particular requirements for fans	Classification	(Cl. 6) IS 302-2-80 /IEC 60335-2-80	Qualitative	Permanent
662	Particular requirements for fans	Marking instructions	(Cl. 7) IS 302-2-80 /IEC 60335-2-80	1 s to 60s	Permanent
663	Particular requirements for fans	Protection against access to live parts	(Cl. 8) IS 302-2-80 /IEC 60335-2-80	20V to 99.9 V, 1 N to 50 N	Permanent
664	Particular requirements for fans	Starting of motor-operated appliances	Cl. 9) IS 302-2-80 /IEC 60335-2-80	0.1 to 5000W	Permanent
665	Particular requirements for fans	Power input and current	(Cl. 10) IS 302-2-80 /IEC 60335-2-80	1 W to 2000 W	Permanent
666	Particular requirements for fans	Heating	(Cl. 11) IS 302-2-80 /IEC 60335-2-80	0.1 to 300°C	Permanent
667	Particular requirements for fans	Leakage current and electric strength at operating temperature	(Cl. 13) IS 302-2-80 /IEC 60335-2-80	0.1 to 5mA 0.1 to 5KV	Permanent
668	Particular requirements for fans	Transient overvoltages	(Cl. 14) IS 302-2-80 /IEC 60335-2-80	0.1 to 5KV, 0-9.99Sec	Permanent
669	Particular requirements for fans	Moisture resistance	(Cl. 15) IS 302-2-80 /IEC 60335-2-80	20.1 to 99%RH, (0.1 to 60°C)	Permanent
670	Particular requirements for fans	Leakage current and electric strength	(Cl. 16) IS 302-2-80 /IEC 60335-2-80	0.1 to 5mA 0.1 to 5KV	Permanent
671	Particular requirements for fans	Overload protection of transformers and associated circuits	(Cl. 17) IS 302-2-80 /IEC 60335-2-80	1V to 350V, 1 W to 5000 W, 0.1 to 300°C	Permanent
672	Particular requirements for fans	Abnormal operation	(Cl. 19) IS 302-2-80 /IEC 60335-2-80	0.1 to 300°C	Permanent
673	Particular requirements for fans	Stability and mechanical hazards	(Cl. 20) IS 302-2-80 /IEC 60335-2-80	0.1 to 300°C, 10° & 5°, 1 to 5 N	Permanent
674	Particular requirements for fans	Mechanical strength	(Cl. 21) IS 302-2-80 /IEC 60335-2-80	0.1 to 10Nm	Permanent
675	Particular requirements for fans	Construction	(Cl. 22) IS 302-2-80 /IEC 60335-2-80	1 N to 250N	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
676	Particular requirements for fans	Internal wiring	(Cl. 23) IS 302-2-80 /IEC 60335-2-80	0.5 mm to 25 mm, 1 kV to 5 kV, 20 mA to 100 mA	Permanent
677	Particular requirements for fans	Components	(Cl. 24) IS 302-2-80 /IEC 60335-2-80	Qualitative	Permanent
678	Particular requirements for fans	Supply connection and external flexible cords	(Cl. 25) IS 302-2-80 /IEC 60335-2-80	1 to 20000 flexing	Permanent
679	Particular requirements for fans	Terminals for external conductors	(Cl. 26) IS 302-2-80 /IEC 60335-2-80	0.5 mm to 25 mm, 0.5 mm to 25 mm, 0.1 Nm to 12 Nm	Permanent
680	Particular requirements for fans	Provision for earthing	(Cl. 27) IS 302-2-80 /IEC 60335-2-80	0.1 to 4Ω	Permanent
681	Particular requirements for fans	Screws and connections	(Cl. 28) IS 302-2-80 /IEC 60335-2-80	20.1 to 65V, 1 N to 50 N	Permanent
682	Particular requirements for fans	Clearances, creepage distances and solid insulation	(Cl. 29) IS 302-2-80 /IEC 60335-2-80	0.1 to 25 mm	Permanent
683	Particular requirements for fans	Resistance to heat and fire	(Cl. 30) IS 302-2-80 /IEC 60335-2-80	0.1 to 10 mm	Permanent
684	Particular requirements for fans	Resistance to rusting	(Cl. 31) IS 302-2-80 /IEC 60335-2-80	Qualitative	Permanent
685	Particular requirements for fans	Radiation, Toxicity and Similar	(Cl. 32) IS 302-2-80 /IEC 60335-2-80	Qualitative	Permanent

Discipline: Electrical, Group: Lamps, Luminaires and accessories

686	Safety of lamp control gear	General notes on tests	Cl.5 of IS 15885 (Part 1) , A1	Qualitative	Permanent
687	Safety of lamp control gear	Classification	Cl.6 of IS 15885 (Part 1) , A1	Qualitative	Permanent
688	Safety of lamp control gear	Marking	Cl.7 of 15885 (Part 1) , A1	Qualitative	Permanent
689	Safety of lamp control gear	Terminals	Cl.8 of 15885 (Part 1) , A1	0.1 mm to 25 mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
690	Safety of lamp control gear	Provisions for protective earthing	Cl.9 of 15885 (Part 1) , A1	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
691	Safety of lamp control gear	Protection against accidental contact with live parts	Cl.10 of 15885 (Part 1) , A1	0.1-99.9V, 1 N to 100N	Permanent
692	Safety of lamp control gear	Moisture resistance and insulation	Cl.11 of 15885 (Part 1) , A1	0 °C to 60 °C, 20.1 to 99%RH, (500V/1000V,0.1-1000Mohm)	Permanent
693	Safety of lamp control gear	Electric strength	Cl.12 of 15885 (Part 1) , A1	0.1 to 5kV	Permanent
694	Safety of lamp control gear	Thermal endurance test for windings of ballasts	Cl.13 of 15885 (Part 1) , A1	1 °C to 300 °C	Permanent
695	Safety of lamp control gear	Fault conditions	Cl.14 of 15885 (Part 1) , A1	0.01 ohm to 20 ohm	Permanent
696	Safety of lamp control gear	Construction	Cl.15 of 15885 (Part 1) , A1	1 N to 100N, 0.1Nm to 6 Nm	Permanent
697	Safety of lamp control gear	Creepage distances and clearances	Cl.16 of 15885 (Part 1) , A1	0.1 mm to 25 mm	Permanent
698	Safety of lamp control gear	Screws, current-carrying parts and connections	Cl.17 of 15885 (Part 1) , A1	0.1Nm to 6 Nm	Permanent
699	Safety of lamp control gear	Resistance to heat, fire and tracking	Cl.18 of 15885 (Part 1) , A1	1 °C to 300 °C	Permanent
700	Safety of lamp control gear	Resistance to corrosion	Cl.19 of 15885 (Part 1) , A1	Qualitative	Permanent
701	D.c. or a.c. supplied electronic control gear for led modules	General notes on tests	Cl.5 of IS 15885 (Part 2/Sec 13) , A1	Qualitative	Permanent
702	D.c. or a.c. supplied electronic control gear for led modules	Classification	Cl.6 of IS 15885 (Part 2/Sec 13) , A1	Qualitative	Permanent



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Issue date :17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
703	D.c. or a.c. supplied electronic control gear for led modules	Marking	Cl.7 of IS 15885 (Part 2/Sec 13) , A1	Qualitative	Permanent
704	D.c. or a.c. supplied electronic control gear for led modules	Protection against accidental Contact with live parts	Cl.8 of IS 15885 (Part 2/Sec 13) , A1	0.1-99.9V, 1 N to 100N	Permanent
705	D.c. or a.c. supplied electronic control gear for led modules	Terminals	Cl.9 of IS 15885 (Part 2/Sec 13) , A1	0.1 mm to 25 mm	Permanent
706	D.c. or a.c. supplied electronic control gear for led modules	Provisions for protective earthing	Cl.10 of IS 15885 (Part 2/Sec 13) , A1	0.01 V to 19.9 V, 0.25 A to 40A	Permanent
707	D.c. or a.c. supplied electronic control gear for led modules	Moisture resistance and insulation	Cl.11 of IS 15885 (Part 2/Sec 13) , A1	0 °C to 60 °C, 20.1 to 99%RH, (500V/1000V,0.1-1000Mohm)	Permanent
708	D.c. or a.c. supplied electronic control gear for led modules	Electric strength	Cl.12 of IS 15885 (Part 2/Sec 13) , A1	0.1 to 5kV	Permanent
709	D.c. or a.c. supplied electronic control gear for led modules	Thermal endurance test for Windings of ballasts	Cl.13 of IS 15885 (Part 2/Sec 13) , A1	1 °C to 300 °C	Permanent
710	D.c. or a.c. supplied electronic control gear for led modules	Fault conditions	Cl.14 of IS 15885 (Part 2/Sec 13) , A1	0.01 ohm to 20 ohm	Permanent
711	D.c. or a.c. supplied electronic control gear for led modules	Transformer heating	Cl.15 of IS 15885 (Part 2/Sec 13) , A1	1 °C to 300 °C	Permanent
712	D.c. or a.c. supplied electronic control gear for led modules	Construction	Cl.16 of IS 15885 (Part 2/Sec 13) , A1	Qualitative	Permanent
713	D.c. or a.c. supplied electronic control gear for led modules	Creepage distances and clearances	Cl.17 of IS 15885 (Part 2/Sec 13) , A1	0.1 mm to 25 mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
714	D.c. or a.c. supplied electronic control gear for led modules	Screws, current-carrying parts and connections	Cl.18 of IS 15885 (Part 2/Sec 13) , A1	0.1Nm to 6 Nm	Permanent
715	D.c. or a.c. supplied electronic control gear for led modules	Resistance to heat, fire and tracking	Cl.19 of IS 15885 (Part 2/Sec 13) , A1	1 °C to 300 °C	Permanent
716	D.c. or a.c. supplied electronic control gear for led modules	Resistance to corrosion	Cl.20 of IS 15885 (Part 2/Sec 13) , A1	Qualitative	Permanent
717	Self-ballasted led lamps for general lighting services	General requirement and general test requirements	Cl.4 of IS 16102 (Part 1) , A1+A2+A3	Qualitative	Permanent
718	Self-ballasted led lamps for general lighting services	Marking	Cl.5 of IS 16102 (Part 1) , A1+A2+A3	Qualitative	Permanent
719	Self-ballasted led lamps for general lighting services	Interchangeability	Cl.6 of IS 16102 (Part 1) , A1+A2+A3	Qualitative	Permanent
720	Self-ballasted led lamps for general lighting services	Protection against accidental contact with live parts	Cl.7 of IS 16102 (Part 1) , A1+A2+A3	0.1-99.9V, 1 N to 100N	Permanent
721	Self-ballasted led lamps for general lighting services	Insulation resistance and electric strength after humidity treatment	Cl.8 of IS 16102 (Part 1) , A1+A2+A3	(500V/1000V,0.1-1000Mohm), 0.1 to 5kV	Permanent
722	Self-ballasted led lamps for general lighting services	Mechanical strength	Cl.9 of IS 16102 (Part 1) , A1+A2+A3	0.1 Nm to 10 Nm	Permanent
723	Self-ballasted led lamps for general lighting services	Cap temperature rise	Cl.10 of IS 16102 (Part 1) , A1+A2+A3	0.1-300°C	Permanent
724	Self-ballasted led lamps for general lighting services	Resistance to heat	Cl.11 of IS 16102 (Part 1) , A1+A2+A3	0.1 mm to 25 mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
725	Self-ballasted led lamps for general lighting services	Resistance to flame and ignition	Cl.12 of IS 16102 (Part 1) , A1+A2+A3	Qualitative	Permanent
726	Self-ballasted led lamps for general lighting services	Fault conditions	Cl.13 of IS 16102 (Part 1) , A1+A2+A3	Qualitative	Permanent
727	Self-ballasted led lamps for general lighting services	Creepage distances and clearances	Cl.14 of IS 16102 (Part 1) , A1+A2+A3	0.1 mm to 25 mm	Permanent
728	Led modules for general lighting	General requirements	Cl.4 of IS 16103 (Part 1) , A1	Qualitative	Permanent
729	Led modules for general lighting	General test requirements	Cl.5 of IS 16103 (Part 1) , A1	Qualitative	Permanent
730	Led modules for general lighting	Classification	Cl.6 of IS 16103 (Part 1) , A1	Qualitative	Permanent
731	Led modules for general lighting	Marking	Cl.7 of IS 16103 (Part 1) , A1	Qualitative	Permanent
732	Led modules for general lighting	Terminals	Cl.8 of IS 16103 (Part 1) , A1	0.1 mm to 25 mm	Permanent
733	Led modules for general lighting	Provisions for protective earthing	Cl.9 of IS 16103 (Part 1) , A1	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
734	Led modules for general lighting	Protection against accidental contact with live parts	Cl.10 of IS 16103 (Part 1) , A1	0.1-99.9V, 1 N to 100N	Permanent
735	Led modules for general lighting	Moisture resistance and insulations	Cl.11 of IS 16103 (Part 1) , A1	0 °C to 60 °C, 20.1 to 99%RH, (500V/1000V,0.1-1000Mohm)	Permanent
736	Led modules for general lighting	Electric strength	Cl.12 of IS 16103 (Part 1) , A1	0.1 to 5kV	Permanent
737	Led modules for general lighting	Fault conditions	Cl.13 of IS 16103 (Part 1) , A1	0.01 ohm to 20 ohm	Permanent
738	Led modules for general lighting	Conformity testing during manufacture	Cl.14 of IS 16103 (Part 1) , A1	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
739	Led modules for general lighting	Construction	Cl.15 of IS 16103 (Part 1) , A1	Qualitative	Permanent
740	Led modules for general lighting	Creepage distances and clearances	Cl.16 of IS 16103 (Part 1) , A1	0.1 mm to 25 mm	Permanent
741	Led modules for general lighting	Screws, current-carrying parts and connections	Cl.17 of IS 16103 (Part 1) , A1	0.1Nm to 6 Nm	Permanent
742	Led modules for general lighting	Resistance to heat, fire and tracking	Cl.18 of IS 16103 (Part 1) , A1	1 °C to 300 °C	Permanent
743	Led modules for general lighting	Resistance to corrosion	Cl.19 of IS 16103 (Part 1) , A1	1 °C to 300 °C	Permanent
744	D.c or a.c. supplied electronic control gear for led modules - performance requirements	General notes on tests	Cl.4 of IS 16104	Qualitative	Permanent
745	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Classification	Cl.5 of IS 16104	Qualitative	Permanent
746	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Marking	Cl.6 of IS 16104	Qualitative	Permanent
747	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Output voltage and current	Cl.7 of IS 16104	0.011 kw to 10 kw	Permanent
748	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Total circuit power	Cl.8 of IS 16104	0.01 kw to 10 kw	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
749	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Circuit power factor	Cl.9 of IS 16104	0.0001 pF to 1 pF	Permanent
750	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Supply current	Cl.10 of IS 16104	0.001 A to 20 A	Permanent
751	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Impedance at audio frequencies	Cl.11 of IS 16104	Qualitative	Permanent
752	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Operational tests for abnormal conditions	Cl.12 of IS 16104	Qualitative	Permanent
753	D.c or a.c. supplied electronic control gear for led modules - performance requirements	Endurances	Cl.13 of IS 16104	Qualitative	Permanent
754	Luminaires For General Requirements and Tests	Classification Of Luminaires	Section 2 of IS 10322 (Part 1) , A1	Qualitative	Permanent
755	Luminaires For General Requirements and Tests	Marking	Section 3 of IS 10322 (Part 1) , A1	Qualitative	Permanent
756	Luminaires For General Requirements and Tests	Construction	Section 4 of IS 10322 (Part 1) , A1	1 N to 100N, 0.1Nm to 6 Nm	Permanent
757	Luminaires For General Requirements and Tests	External and Internal Wiring	Section 5 of IS 10322 (Part 1) , A1	0.1 mm to 25 mm	Permanent
758	Luminaires For General Requirements and Tests	Provision For Earthing	Section 7 of IS 10322 (Part 1) , A1	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
759	Luminaires For General Requirements and Tests	Protection Against Electric Shock	Section 8 of IS 10322 (Part 1) , A1	0.1-99.9V, 1 N to 100N	Permanent
760	Luminaires For General Requirements and Tests	Resistance To Dust, Solid Objects and Moisture	Section 9 of IS 10322 (Part 1) , A1	Qualitative	Permanent
761	Luminaires For General Requirements and Tests	Insulation Resistance and Electric Strength	Section 10 of IS 10322 (Part 1) , A1	(500V/1000V, 0.1-1000Mohm), 0.1 to 5kV	Permanent
762	Luminaires For General Requirements and Tests	Creepage Distances and Clearances	Section 11 of IS 10322 (Part 1) , A1	0.1 mm to 25 mm	Permanent
763	Luminaires For General Requirements and Tests	Endurance Test and Thermal Test	Section 12 of IS 10322 (Part 1) , A1	1 °C to 300 °C	Permanent
764	Luminaires For General Requirements and Tests	Resistance To Heat, Fire and Tracking	Section 13 of IS 10322 (Part 1) , A1	0.1 mm to 25 mm	Permanent
765	Luminaires For General Requirements and Tests	Screw Terminals	Section 14 of 10322 (Part 1) , A1	0.1 mm to 25 mm	Permanent
766	Luminaires For General Requirements and Tests	Screwless Terminals and Electrical Connections	Section 15 of IS 10322 (Part 1) , A1	0.1 mm to 25 mm	Permanent
767	Fixed general purpose Luminaires	General Test Requirements	Cl.4 IS 10322 (Part 5/Sec 1)	Qualitative	Permanent
768	Fixed general purpose Luminaires	General Requirements and Tests	Cl.5 IS 10322 (Part 5/Sec 1)	Qualitative	Permanent
769	Fixed general purpose Luminaires	Marking	Cl.6 IS 10322 (Part 5/Sec 1)	Qualitative	Permanent
770	Fixed general purpose Luminaires	Construction	Cl.7 IS 10322 (Part 5/Sec 1)	1 N to 100N, 0.1Nm to 6 Nm	Permanent
771	Fixed general purpose Luminaires	Creepage Distances and Clearances	Cl.8 IS 10322 (Part 5/Sec 1)	0.1 mm to 25 mm	Permanent
772	Fixed general purpose Luminaires	Provision For Earthing	Cl.9 IS 10322 (Part 5/Sec 1)	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
773	Fixed general purpose Luminaires	Terminals	Cl.10 IS 10322 (Part 5/Sec 1)	0.1 mm to 25 mm	Permanent
774	Fixed general purpose Luminaires	External and Internal Wiring	Cl.11 IS 10322 (Part 5/Sec 1)	0.1 mm to 25 mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
775	Fixed general purpose Luminaires	Protection Against Electric Shock	Cl.12 IS 10322 (Part 5/Sec 1)	0.1-99.9V, 1 N to 100N	Permanent
776	Fixed general purpose Luminaires	Endurance Tests and Thermal Tests	Cl.13 IS 10322 (Part 5/Sec 1)	1 °C to 300 °C	Permanent
777	Fixed general purpose Luminaires	Resistance To Dust and Moisture	Cl.14 IS 10322 (Part 5/Sec 1)	Qualitative	Permanent
778	Fixed general purpose Luminaires	Insulation Resistance and Electric Strength	Cl.15 IS 10322 (Part 5/Sec 1)	(500V/1000V,0.1-1000Mohm), 0.1 to 5kV	Permanent
779	Fixed general purpose Luminaires	Resistance To Heat, Fire and Tracking	Cl.16 IS 10322 (Part 5/Sec 1)	0.1 mm to 25 mm	Permanent
780	Handlamps	General Test Requirements	Cl.4 IS 10322(Part 5/Sec 6),	Qualitative	Permanent
781	Handlamps	General Requirements and Tests	Cl.5 IS 10322(Part 5/Sec 6),	Qualitative	Permanent
782	Handlamps	Marking	Cl.6 IS 10322(Part 5/Sec 6),	Qualitative	Permanent
783	Handlamps	Construction	Cl.7 IS 10322(Part 5/Sec 6),	1 N to 100N, 0.1Nm to 6 Nm	Permanent
784	Handlamps	Creepage Distance and Clearance	Cl.8 IS 10322(Part 5/Sec 6),	0.1 mm to 25 mm	Permanent
785	Handlamps	Provision For Earthing	Cl.9 IS 10322(Part 5/Sec 6),	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
786	Handlamps	Terminals	Cl.10 IS 10322(Part 5/Sec 6),	0.1 mm to 25 mm	Permanent
787	Handlamps	External and Internal Wiring	Cl.11 IS 10322(Part 5/Sec 6),	0.1 mm to 25 mm	Permanent
788	Handlamps	Protection against Electric Shock	Cl.12 IS 10322(Part 5/Sec 6),	0.1-99.9V, 1 N to 100N	Permanent
789	Handlamps	Endurance Tests and Thermal Tests	Cl.13 IS 10322(Part 5/Sec 6),	1 °C to 300 °C	Permanent
790	Handlamps	Resistance To Dust and Moisture	Cl.14 IS 10322(Part 5/Sec 6),	Qualitative	Permanent
791	Handlamps	Insulation Resistance and Electric Strength	Cl.15 IS 10322(Part 5/Sec 6),	(500V/1000V,0.1-1000Mohm), 0.1 to 5kV	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
792	Handlamps	Resistance To Heat, Fire and Tracking	Cl.16 IS 10322(Part 5/Sec 6),	0.1 mm to 25 mm	Permanent
793	Lighting chains	General Test Requirements	Cl.20.4 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	Qualitative	Permanent
794	Lighting chains	Clasification of Luminaires	Cl.20.5 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	Qualitative	Permanent
795	Lighting chains	Marking	Cl.20.6 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	Qualitative	Permanent
796	Lighting chains	Construction	Cl.20.7 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	1 N to 100N, 0.1Nm to 6 Nm	Permanent
797	Lighting chains	Creepage Distance & Clearance	Cl.20.8 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	0.1 mm to 25 mm	Permanent
798	Lighting chains	Provision for Earthing	Cl.20.9 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
799	Lighting chains	Terminals	Cl.20.10 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	0.1 mm to 25 mm	Permanent
800	Lighting chains	External and internal wiring	Cl.20.11 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	0.1 mm to 25 mm	Permanent
801	Lighting chains	Protection against electric shock	Cl.20.12 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	0.1-99.9V, 1 N to 100N	Permanent
802	Lighting chains	Endurance tests and thermal tests	Cl.20.13 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	1 °C to 300 °C	Permanent
803	Lighting chains	Resistance to dust, solid objects and moisture	Cl.20.14 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	Qualitative	Permanent
804	Lighting chains	Insulation resistance and electric strength	Cl.20.15 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	(500V/1000V, 0.1-1000Mohm), 0.1 to 5kV	Permanent
805	Lighting chains	Resistance to heat, fire and tracking	Cl.20.16 IS 10322(Part 5/Sec 7) /IEC 60598-2-20	0.1 mm to 25 mm	Permanent
806	Rope lights	Luminaires Part 1 General Requirements and Tests	Cl.21.5 IS 10322(Part 5/Sec 9) IEC 60598-2-21	Qualitative	Permanent
807	Rope lights	Marking	Cl.21.6 IS 10322(Part 5/Sec 9) IEC 60598-2-21	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
808	Rope lights	Construction	Cl.21.7 IS 10322(Part 5/Sec 9) IEC 60598-2-21	1 N to 100N, 0.1Nm to 6 Nm	Permanent
809	Rope lights	Creepage distances and clearances	Cl.21.8 IS 10322(Part 5/Sec 9) IEC 60598-2-21	0.1 mm to 25 mm	Permanent
810	Rope lights	Provisions for earthing	Cl.21.9 IS 10322(Part 5/Sec 9) IEC 60598-2-21	0.01 V to 19.9 V, 0.25 A to 40 A	Permanent
811	Rope lights	Terminals	Cl.21.10 IS 10322(Part 5/Sec 9) IEC 60598-2-21	0.1 mm to 25 mm	Permanent
812	Rope lights	External and internal wiring	Cl.21.11 IS 10322(Part 5/Sec 9) IEC 60598-2-21	0.1 mm to 25 mm	Permanent
813	Rope lights	Protection against electric shock	Cl. 21.12 IS 10322(Part 5/Sec 9) IEC 60598-2-21	0.1-99.9V, 1 N to 100N	Permanent
814	Rope lights	Endurance tests and thermal tests	Cl. 21.13 IS 10322(Part 5/Sec 9) IEC 60598-2-21	1 °C to 300 °C	Permanent
815	Rope lights	Resistance to dust, solid objects and moisture	Cl.21.14 IS 10322(Part 5/Sec 9) IEC 60598-2-21	Qualitative	Permanent
816	Rope lights	Insulation resistance and electric strength	Cl.21.15 IS 10322 (Part 5/Sec 9) IEC 60598-2-22 © IEC	(500V/1000V,0.1-1000Mohm), 0.1 to 5kV	Permanent
817	Rope lights	Resistance to heat, fire and tracking	Cl.21.16 IS 10322(Part 5/Sec 9) IEC 60598-2-21	0.1 mm to 25 mm	Permanent

Discipline: Electrical, Group: Cell and Battery

818	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Photovoltaic Energy System	(Cl. No. 4.1) IS 16270	Qualitative	Permanent
819	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Material and Constructions	(Cl. No. 4.2.1) IS 16270	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
820	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	General operating condition	(Cl. No. 4.3) IS 16270	Qualitative	Permanent
821	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Autonomy Time	(Cl. No. 4.3.1) IS 16270	Qualitative	Permanent
822	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Typical charge and Discharge currents	(Cl. No. 4.3.2) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
823	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Daily cycle	(Cl. No. 4.3.3) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
824	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Seasonal cycle	(Cl. No. 4.3.4) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
825	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Period of High state of charge	(Cl. No. 4.3.5) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
826	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Period for sustained low state of charge	(Cl. No. 4.3.6) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
827	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Electrolyte Stratification	(Cl. No. 4.3.7) IS 16270	Qualitative	Permanent
828	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Specific gravity	(Cl. No. 4.3.7.1) IS 16270	Qualitative	Permanent
829	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Operating Temperature	(Cl. No. 4.3.9) IS 16270	-40 °C to 90 °C	Permanent
830	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Charge control	(Cl. No. 4.3.10) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
831	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Physical Protection.	(Cl. No. 4.3.11) IS 16270	Qualitative	Permanent
832	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Mechanical Endurance	Cl. No. 5.1) IS 16270	Qualitative	Permanent
833	Secondary Cells and Batteries for solar Photovoltaic Application-	Charge efficiency	Cl. No. 5.2) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	General Requirements and Methods				
834	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Deep Discharge Protection	Cl. No. 5.3) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
835	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Marking	Cl. No. 5.4) IS 16270	Qualitative	Permanent
836	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Capacity test	Cl. No. 8.1) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
837	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Endurance	Cl. No. 8.2) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
838	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Charge retention	Cl. No. 8.3) IS 16270	0.01 to 30Vdc, 100mA to 30A. 0-60 Degree	Permanent
839	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Cycling endurance in Photovoltaic applications (extreme conditions)	Cl. No. 8.4) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent
840	Secondary Cells and Batteries for solar Photovoltaic Application-General Requirements and Methods	Sulphation Test (Applicable for Lead acid Battery only)	Cl. No. 8.5) IS 16270	0.01 to 30Vdc, 100mA to 30A	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
841	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Water loss test (valid for flooded lead acid batteries only)	Cl. No. 8.6) IS 16270	0.01 to 30Vdc, 100mA to 30A, 0-60 Degree, 0-30Kg	Permanent
842	Secondary Cells and Batteries for solar Photovoltaic Application- General Requirements and Methods	Acceptance Test	Cl. No. 9.2) IS 16270	0.01 to 30Vdc, 100mA to 30A, 0-60 Degree, 0-30Kg	Permanent
Discipline: Electrical, Group: Switch and Socket					
843	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Rating	(Cl .6) IS:1293	Qualitative:Visual Inspection	Permanent
844	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Classifications	(Cl .7) IS:1293	Qualitative:Visual Inspection	Permanent
845	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated	Verification of Marking	(Cl .8) IS:1293	Qualitative:Visual Inspection	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	Current up to and Including 16 A				
846	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Checking Of Dimensions	(Cl .9) IS:1293	0.1 to 150 mm	Permanent
847	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Protection Against Electric Shock	(Cl .10) IS:1293	0.1 to 50A, 0.1V to 300V	Permanent
848	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Provisions For Earthing	(Cl .11) IS:1293	0.1 to 4Ω	Permanent
849	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Terminal	(Cl .12) IS:1293	0.1 to 10Nm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
850	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Constructions of Fixed Socket outlets	(CI .13) IS:1293	Qualitative: Visual Inspection	Permanent
851	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Construction of Plugs And Portable Socket-Outlet	(CI .14) IS:1293	Qualitative: Visual Inspection	Permanent
852	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Interlocked socket outlet	(CI .15) IS:1293	Qualitative: Visual Inspection	Permanent
853	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Resistance to Ageing	(CI .16.1) IS:1293	Up to 200 °C	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
854	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Protection provided by enclosures	(Cl .16.2) IS:1293	0.1 to 10Nm	Permanent
855	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Resistance to Humidity	(Cl .16.3) IS:1293	0 °C to 60 °C, 20.1 to 99%RH	Permanent
856	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Insulation Resistance and Electric Strength	(Cl .17) IS:1293	0.1 to 100MΩ 0.1 to 5KV	Permanent
857	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Operation of earthing contacts	(Cl .18) IS:1293	Qualitative: Visual Inspection	Permanent
858	Plugs and Socket-Outlets for Household	Temperature Rise	(Cl .19) IS:1293	0 °C to 300 °C	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A				
859	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Breaking Capacity	(Cl .20) IS:1293	0.1A to 50A 0.1 to 300V	Permanent
860	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Normal Operation	(Cl .21) IS:1293	0.1A to 40A	Permanent
861	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Force Necessary to Withdraw the Plug	(Cl .22) IS:1293	0 N to 120N	Permanent
862	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to	Flexible cable and their connection	(Cl .23) IS:1293	0 N to 120 N	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	and Including 250 V and Rated Current up to and Including 16 A				
863	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Mechanical strength	(Cl .24) IS:1293	0.1Nm to 6Nm	Permanent
864	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Resistance to heat	(Cl .25) IS:1293	Up to 200°C	Permanent
865	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Screws current carrying parts & connection	(Cl .26) IS:1293	0.1 to 10Nm	Permanent
866	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and	Creepage Distances, Clearances And Distances Through Sealing Compound	(Cl .27) IS:1293	0.1 to 25 mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
	Rated Current up to and Including 16 A				
867	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Resistance of Insulating Material to Abnormal Heat, to Fire and to Tracking	(Cl .28) IS:1293	0.1 to 300°C	Permanent
868	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Resistance to Rusting	(Cl .29) IS:1293	0.1 to 300°C	Permanent
869	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A	Additional Test on Pins provided with insulation sleeves	(Cl .30) IS:1293	0.1 to 300°C, 0.0.1 to 10Nm	Permanent
870	Switches for Domestic and Similar Purposes	Ratings	Cl. (6) IS 3854	Qualitative	Permanent
871	Switches for Domestic and Similar Purposes	Classification	Cl. (7) IS 3854	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
872	Switches for Domestic and Similar Purposes	Marking	Cl. (8) IS 3854	Qualitative	Permanent
873	Switches for Domestic and Similar Purposes	Checking Of Dimensions	Cl. (9) IS 3854	Qualitative	Permanent
874	Switches for Domestic and Similar Purposes	Protection Against Electric Shock	Cl. (10) IS 3854	0.1 to 65V, 1 N to 50 N	Permanent
875	Switches for Domestic and Similar Purposes	Provision For Earthing	Cl. (11) IS 3854	0.1 to 4Ω	Permanent
876	Switches for Domestic and Similar Purposes	Terminal	Cl. (12) IS 3854	0.1 to 10Nm	Permanent
877	Switches for Domestic and Similar Purposes	Constructional Requirements	Cl. (13) IS 3854	0 N to 120N	Permanent
878	Switches for Domestic and Similar Purposes	Installation Requirements	Cl. (13.2) IS 3854	0 N to 120N	Permanent
879	Switches for Domestic and Similar Purposes	Fixing of Covers, Cover Plates and Actuating Members	Cl. (13.3) IS 3854	0 N to 120N	Permanent
880	Switches for Domestic and Similar Purposes	Attachment of knobs	Cl. (13.5) IS 3854	0.1N to 120 N	Permanent
881	Switches for Domestic and Similar Purposes	Mounting Means	Cl. (13.6) IS 3854	Qualitative	Permanent
882	Switches for Domestic and Similar Purposes	Requirements for Membranes in Inlet Openings	Cl. (13.15) IS 3854	0 °C to 300 °C 0.1-30 N	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
883	Switches for Domestic and Similar Purposes	Mechanism	Cl. (14) IS 3854	0.1 to 500N	Permanent
884	Switches for Domestic and Similar Purposes	Resistance To Ageing, To Harmful Ingress of Water and To Humidity	Cl. (15) IS 3854	0 °C to 300 °C, 0.1-30 N, 0 %RH to 95 %RH, 15-35 °C	Permanent
885	Switches for Domestic and Similar Purposes	Insulation Resistance and Electric Strength	Cl. (16) IS 3854	0.1 to 100MΩ 0.1 to 5KV	Permanent
886	Switches for Domestic and Similar Purposes	Temperature Rise	Cl. (17) IS 3854	0 °C to 300 °C	Permanent
887	Switches for Domestic and Similar Purposes	Making and breaking capacity	Cl. (18) IS 3854	0.1A to 40 A	Permanent
888	Switches for Domestic and Similar Purposes	Normal Operation	Cl. (19) IS 3854	0.1 V to 300V, 0.1 to 32A, -1.00.1 to 1.00 Pf	Permanent
889	Switches for Domestic and Similar Purposes	Mechanical Strength	Cl. (20) IS 3854	0.1 to 10Nm	Permanent
890	Switches for Domestic and Similar Purposes	Pendulum Hammer Test	Cl. (20.2) IS 3854	80 to 200mm Mass 250g	Permanent
891	Switches for Domestic and Similar Purposes	Resistance To Heat	Cl. (21) IS 3854	0.1 to 10 mm	Permanent
892	Switches for Domestic and Similar Purposes	Screws, Current Carrying Parts and Connections	Cl. (22) IS 3854	0.1 to 10Nm	Permanent
893	Switches for Domestic and Similar Purposes	Creepage Distances, Clearances and	Cl. (23) IS 3854	0.01 to 150 mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
		Distances Through Sealing Compound			
894	Switches for Domestic and Similar Purposes	Resistance of Insulating Material to abnormal Heat, to Fire and to Tracking	Cl. (24) IS 3854	0.1 to 300°C	Permanent
895	Switches for Domestic and Similar Purposes	Resistance to Rusting	Cl. (25) IS 3854	0.1 to 300°C	Permanent
Discipline: Electrical, Group: Environmental					
896	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 0 (IP0X)	Cl. 13.1 IS/IEC 60529	Qualitative	Permanent
897	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 1 (IP1X)	(Cl. 13.2) IS/IEC 60529	(40V to 75V) AC Access probe sphere 50mm dia. Rigid sphere: 50mm dia., Force: 50N± 10%	Permanent
898	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 2 (IP2X)	(Cl. 13.2) IS/IEC 60529	(40V to 75V) AC Access probe sphere 12.5mm dia. Rigid sphere: 12.5mm dia., Force: 30N± 10%	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
899	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 3 (IP3X)	(CI .13.2) IS/IEC 60529	(40V to 75V) AC Access probe sphere 2.5mm dia. Rigid sphere: 2.5mm dia., Force: 3N± 10%	Permanent
900	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 4 (IP4X)	(CI .13.2) IS/IEC 60529	(40V to 75V) AC Access probe sphere 1.0mm dia. Rigid sphere: 1.0mm dia., Force: 1N± 10%	Permanent
901	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 5 (IP5X)	(CI .13.4, 13.5) IS/IEC 60529	Qualitative	Permanent
902	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 6 (IP6X)	(CI .13.4, 13.6) IS/IEC 60529	Qualitative	Permanent
903	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second	IS/IEC 60529	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
		characteristic numeral 0 (IPX0)			
904	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 1 with the drip box (IPX1)	(CI .14.2.1) IS/IEC 60529	Water flow rate:1mm/min	Permanent
905	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 2 with the drip box (IPX2)	(CI .14.2.2) IS/IEC 60529	Water flow rate:3mm/min, Enclosure 15° tilt	Permanent
906	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 3 with oscillating tube or spray nozzle (IPX3)	(CI .14.2.3 a& b) IS/IEC 60529	oscillating tube: Spray±60° from vertical distance max. 200mm or Spray nozzle: Spray±60° from vertical, Water flow rate 10ltr/min±5% for spray nozzle and 0.07ltr/min±5% for oscillating tube	Permanent
907	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress	(CI .14.2.4) IS/IEC 60529	oscillating tube: Spray±180° from vertical distance max. 200mm or Spray nozzle: Spray±180° from vertical,	Permanent



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Certificate No.: T-0024

Issue date : 17.10.2025

Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
		test Second characteristic numeral 4 with oscillating tube or spray nozzle (IPX4)		Water flow rate 10ltr/min \pm 5% for spray nozzle and 0.07ltr/min \pm 5% for oscillating tube	
908	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 5 with 6.3mm nozzle (IPX5)	(Cl .14.2.5) IS/IEC 60529	Nozzle 6.3mm dia., Distance: 2.5m to 3m), Water flow rate: 12.5 ltr./min. \pm 5%	Permanent
909	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 6 with 12.5mm nozzle (IPX6)	(Cl .14.2.6) IS/IEC 60529	Nozzle 12.5mm dia., Distance: 2.5m to 3m), Water flow rate: 100ltr./min. \pm 5%	Permanent
910	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 7 temporary immersion between 0.15 to 1meter (IPX7)	(Cl .14.2.7) IS/IEC 60529	Immersion tank water-level on enclosure 0.15m above top 1m above bottom	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
911	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 8 continuous immersion subject to agreement (IPX8)	(Cl .14.2.8) IS/IEC 60529	Immersion tank water-level by agreement	Permanent
912	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 9 (IPX9)	(Cl .14.2.9) IS/IEC 60529	Water flow rate: (15±1)l/min, Fan jet nozzle, Turntable speed: (5 ±1) r/min, Spray at 00, 300, 600, 900 Spray from all practical directions distance (175±25)mm	Permanent
Discipline: Electronics, Group: IT Equipment					
913	Information Technology Equipment	Components	Cl 1.5, Cl. 1.5.1, Cl. 1.5.2, Cl. 1.5.3, Cl. 1.5.4, Cl. 1.5.5, Cl. 1.5.6, Cl. 1.5.7, Cl. 1.5.8, Cl. 1.5.9 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
914	Information Technology Equipment	Power interface	Cl 1.6, Cl 1.6.1, cl 1.6.2, cl. 1.6.3, cl. 1.6.4 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0-25A	Permanent
915	Information Technology Equipment	Marking and instructions	Cl 1.7, cl 1.7.1 cl 1.7.2, cl. 1.7.3, cl. 1.7.4, cl. 1.7.5, cl. 1.7.6, cl. 1.7.7,	Qualitative	Permanent



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Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
			cl. 1.7.8, cl. 1.7.9, cl. 1.7.10, cl. 1.7.11, cl. 1.7.12, cl. 1.7.13 cl. 1.7.14, IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,		
916	Information Technology Equipment	Protection from hazards	Cl. 2, Cl. 2.1, Cl. 2.1.1, Cl. 2.1.1.1, Cl. 2.1.1.2, Cl. 2.1.1.3, Cl. 2.1.1.4, Cl. 2.1.1.5, Cl. 2.1.1.6, Cl. 2.1.1.7, Cl. 2.1.1.8, Cl. 2.1.1.9, Cl. 2.1.2, Cl. 2.1.3, IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0-600V, 0-150V, 0- 40A, 1X, 2X, 100X, 100Mhz	Permanent
917	Information Technology Equipment	SELV circuit	Cl. 2, Cl. 2.2, Cl. 2.2.1, Cl. 2.2.2, Cl. 2.2.3, Cl. 2.2.4, IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0-1000V	Permanent
918	Information Technology Equipment	TNV circuit	Cl.2, 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) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
919	Information Technology Equipment	Limited current circuit	Cl.2, Cl.2.4, Cl. 2.4.1, Cl. 2.4.2, Cl. 2.4.3 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0.01mA to 10mA, Up to 1000Vac	Permanent
920	Information Technology Equipment	Limited power source	Cl.2, Cl. 2.5 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Up to 150V, 0-40A	Permanent
921	Information Technology Equipment	Provision for earthing and bonding	Cl.2, Cl. 2.6, Cl. 2.6.1, Cl. 2.6.2, 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, Cl. 2.6.4,	0.1 to 4Ω	Permanent



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Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
			Cl. 2.6.4.1, Cl. 2.6.4.2, Cl. 2.6.4.3, 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) + A1 + A2 / IEC 60950-1 + A1 + A2,		
922	Information Technology Equipment	Overcurrent and earth fault protection in primary circuit	Cl 2, Cl. 2.7, Cl. 2.7.1, Cl. 2.7.2, Cl. 2.7.3, Cl. 2.7.4, Cl. 2.7.5, Cl. 2.7.6, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
923	Information Technology Equipment	Safety interlock	Cl 2, Cl. 2.8, Cl. 2.8.1, Cl. 2.8.2, Cl. 2.8.3, Cl. 2.8.4, Cl. 2.8.5, Cl. 2.8.6, Cl. 2.8.7, Cl. 2.8.7.1, Cl. 2.8.7.2, Cl. 2.8.7.3, Cl. 2.8.7.4, Cl. 2.8.8 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	0.1-99.9 V, Test Probe B, 0.1-5000V, 1-100000 Cycles, 0.1-350 V, 0.1-500 N	Permanent
924	Information Technology Equipment	Electrical insulation	Cl 2, Cl. 2.9, Cl. 2.9.1, Cl. 2.9.2, Cl. 2.9.3, Cl. 2.9.4, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	(0°C to 60°C)/20 to 99%RH,0-5KV	Permanent
925	Information Technology Equipment	Clearances, creepage distances and distances through insulation	Cl.2, Cl. 2.10, Cl. 2.10.1, Cl. 2.10.1.1, Cl. 2.10.1.2, 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, Cl. 2.10.2, Cl. 2.10.2.1, Cl. 2.10.2.2, Cl. 2.10.2.3, Cl. 2.10.3, Cl. 2.10.3.1, Cl. 2.10.3.2, Cl. 2.10.3.3, Cl. 2.10.3.4, Cl. 2.10.3.5, Cl. 2.10.3.6, Cl. 2.10.3.7, Cl. 2.10.3.8,	Up to 1000Vac, Up to 150mm	Permanent



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Validity : 16.10.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
			Cl. 2.10.3.9, Cl. 2.10.4, Cl. 2.10.4.1, Cl. 2.10.4.2, Cl. 2.10.4.3, Cl. 2.10.5, Cl. 2.10.5.1, Cl. 2.10.5.2, Cl. 2.10.5.3, Cl. 2.10.5.4, Cl. 2.10.5.5, 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, Cl. 2.10.5.11, Cl. 2.10.5.12, Cl. 2.10.5.13, Cl. 2.10.5.14, Cl. 2.10.6, Cl. 2.10.6.1, Cl. 2.10.6.2, Cl. 2.10.6.3, Cl. 2.10.6.4, Cl. 2.10.7, Cl. 2.10.8, Cl. 2.10.8.1, Cl. 2.10.8.2, Cl. 2.10.8.3, Cl. 2.10.8.4, Cl. 2.10.9, Cl. 2.10.10, Cl. 2.10.11, Cl. 2.10.12, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,		
926	Information Technology Equipment	Wiring, connections and supply (General)	Cl 3, Cl. 3.1, Cl. 3.1.1, Cl. 3.1.2, Cl. 3.1.3, Cl. 3.1.4, Cl. 3.1.5, Cl. 3.1.6, Cl. 3.1.7, Cl. 3.1.8, Cl. 3.1.9, Cl. 3.1.10, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	1-250N, 0.01-25 mm, 0.01-25 mm, 1-5kV, 0.1 to 999.9N	Permanent
927	Information Technology Equipment	Connection to mains supply	Cl 3, Cl. 3.2, Cl. 3.2.1, Cl. 3.2.1.1, Cl. 3.2.1.2, Cl. 3.2.2, Cl. 3.2.3, Cl. 3.2.4, Cl. 3.2.5, Cl. 3.2.5.1, Cl. 3.2.5.2, Cl. 3.2.6, Cl. 3.2.7, Cl. 3.2.8, Cl. 3.2.9, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Up to to 150mm	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
928	Information Technology Equipment	Connection to mains supply	Cl 3, Cl. 3.3, Cl. 3.3.1, Cl. 3.3.2, Cl. 3.3.3, Cl. 3.3.4, Cl. 3.3.5, Cl. 3.3.6, Cl. 3.3.7, Cl. 3.3.8, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
929	Information Technology Equipment	Disconnection from the mains supply	Cl 3, 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) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
930	Information Technology Equipment	Interconnection of equipment	Cl 3, Cl. 3.5, Cl. 3.5.1, Cl. 3.5.2, Cl. 3.5.3, Cl. 3.5.4, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
931	Information Technology Equipment	Physical requirements (stability)	Cl 4, Cl. 4.1 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
932	Information Technology Equipment	Mechanical strength	Cl 4, Cl. 4.2, Cl. 4.2.1, Cl. 4.2.2, Cl. 4.2.3, Cl. 4.2.4, Cl. 4.2.5, Cl. 4.2.6, Cl. 4.2.7, Cl. 4.2.8, Cl. 4.2.9, Cl. 4.2.10 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	0.1 to 10 Nm	Permanent
933	Information Technology Equipment	Design and construction	Cl 4, Cl. 4.3.1, Cl. 4.3.2, Cl. 4.3.3, Cl. 4.3.4, Cl. 4.3.5, Cl. 4.3.6, Cl. 4.3.7, Cl. 4.3.8, Cl. 4.3.9, Cl. 4.3.10, Cl. 4.3.11, Cl. 4.3.12, Cl. 4.3.13, Cl. 4.3.13.1, Cl. 4.3.13.2, Cl. 4.3.13.3, Cl. 4.3.13.4, Cl. 4.3.13.5,	Qualitative	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
			Cl. 4.3.13.6 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,		
934	Information Technology Equipment	Protection against hazardous moving parts	Cl. 4, Cl. 4.4, Cl. 4.4.1, Cl. 4.4.2, Cl. 4.4.3, Cl. 4.4.4, IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	1 N to 250 N	Permanent
935	Information Technology Equipment	Thermal requirements	Cl. 4, Cl. 4.5, Cl. 4.5.1, Cl. 4.5.2, Cl. 4.5.3, Cl. 4.5.4, Cl. 4.5.5, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	0.1 to 300°C	Permanent
936	Information Technology Equipment	Openings in enclosure	Cl. 4, Cl. 4.6, Cl. 4.6.1, Cl. 4.6.2, Cl. 4.6.3, Cl. 4.6.4, Cl. 4.6.4.1, Cl. 4.6.4.2, Cl. 4.6.4.3, Cl. 4.6.5 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0 to 300mm	Permanent
937	Information Technology Equipment	Resistance to fire	Cl. 4, Cl. 4.7, Cl. 4.7.1, Cl. 4.7.2, Cl. 4.7.2.1, Cl. 4.7.2.2, Cl. 4.7.3, Cl. 4.7.3.1, Cl. 4.7.3.2, Cl. 4.7.3.3, Cl. 4.7.3.4, Cl. 4.7.3.5, Cl. 4.7.3.6 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	0 to 300°C, 0.1 to 25 mm	Permanent
938	Information Technology Equipment	Electrical requirements and simulated abnormal conditions (Touch current and protective conductor current)	Cl. 5, Cl. 5.1, Cl. 5.1.1, Cl. 5.1.2, Cl. 5.1.2.1, Cl. 5.1.2.2, Cl. 5.1.2.3, Cl. 5.1.3, Cl. 5.1.4, Cl. 5.1.5, Cl. 5.1.6, Cl. 5.1.7, Cl. 5.1.7.1, Cl. 5.1.7.2, Cl. 5.1.8, Cl. 5.1.8.1, Cl. 5.1.8.2 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	0.001mA to 5mA	Permanent



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Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
939	Information Technology Equipment	Electric strength	CI 5, CI 5.2, CI 5.2.1, CI 5.2.2, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	0.1 to 5KV	Permanent
940	Information Technology Equipment	Abnormal operating and fault conditions	CI 5, CI 5.3, CI 5.3.1, CI 5.3.2, CI 5.3.3, CI 5.3.4, CI 5.3.5, CI 5.3.6, CI 5.3.7, CI 5.3.8, CI 5.3.9, CI 5.3.9.1, CI 5.3.9.2 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0 to 300°C, Up to 120Vdc	Permanent
941	Information Technology Equipment	Connection to telecommunication networks (protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment)	CI 6, CI 6.1, CI 6.1.1, CI 6.1.2, CI 6.1.2.1, CI 6.1.2, CI 6.1.2.2, IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
942	Information Technology Equipment	Protection of equipment users from over voltages on telecommunication networks	CI 6, CI 6.2, CI 6.2.1, CI 6.2.2, CI 6.2.2.1, CI 6.2.2.2, CI 6.2.2.3 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0.01-50mm, 0.0-25 mm, 0.01-10kV (1.2/50)µs 0.01-10 kV(10/700)µs	Permanent
943	Information Technology Equipment	Protection of telecommunication wiring system from overheating	CI 6, CI 6.3 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
944	Information Technology Equipment	Connection to cable distribution systems (general)	CI 7, CI 7.1 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
945	Information Technology Equipment	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment	CI 7, CI 7.2 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
946	Information Technology Equipment	Protection of equipment users from over voltages on the cable distribution system	CI 7, CI 7.3 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
947	Information Technology Equipment	Insulation between primary circuits and cable distribution systems	CI 7, CI 7.4, CI 7.4.1, CI 7.4.2, CI 7.4.3 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0.01-50mm, 0.0-25 mm, 0.01-10kV (1.2/50) μ s 0.01-10 kV(10/700) μ s	Permanent
948	Information Technology Equipment	Tests for resistance to heat and fire	Annex A, A.1, A.1.1, A.1.2, A.1.3, A.1.4, A.1.5, A.1.6, A.2, A.2.1, A.2.2, A.2.3, A.2.4, A.2.5, A.2.6, A.2.7, A.3, A.3.1, A.3.2, A.3.3 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	0.1 to 300°C	Permanent
949	Information Technology Equipment	Motor tests under abnormal conditions	Annex B, B.1, B.2, B.3, B.4, B.5, B.6, B.6.1, B.6.2, B.6.3, B.6.4, B.7, B.7.1, B.7.2, B.7.3, B.7.4, B.8, B.9, B.10 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
950	Information Technology Equipment	Transformers	Annex C, C.1, C.2 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Up to 150mm	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
951	Information Technology Equipment	Measuring instruments for touch current tests	Annex D, D.1, D.2 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0.01mA to 3.5mA	Permanent
952	Information Technology Equipment	Temperature rise of windings	Annex E IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0 to 300 degree	Permanent
953	Information Technology Equipment	Measurement of clearances and creepage distances	Annex F IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	0 to 300mm	Permanent
954	Information Technology Equipment	Alternative method for determining minimum clearances	Annex G, G.1, G.1.1, G.1.2, G.2, G.2.1, G.2.2, G.2.3, G.2.4, G.3, G.4, G.4.1, G.4.2, G.4.3, G.4.4, G.5, G.6 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
955	Information Technology Equipment	Ionizing radiation	Annex H IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
956	Information Technology Equipment	Table of electrochemical potentials	Annex J IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
957	Information Technology Equipment	Thermal controls	Annex K, k.1, K.2, K.3, K.4, K.5, K.6 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
958	Information Technology Equipment	Normal load conditions for some types of electrical business equipment	Annex L, L.1, L.2, L.3, L.4, L.5, L.6, L.7 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
959	Information Technology Equipment	Criteria for telephone ringing signals	Annex M, M.1, M.2, M.3, M.3.1, M.3.1.1, M.3.1.2, M.3.1.3, M.3.1.4, M.3.2, M.3.2.1, M.3.2.2, M.3.2.3 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
960	Information Technology Equipment	Impulse test generator	Annex N, N.1, N.2 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	0.01-10kV (1.2/50 μ s) 0.01-10kV (10/700 μ s)	Permanent
961	Information Technology Equipment	Normative references	Annex P IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
962	Information Technology Equipment	Voltage dependent resistors (VDRs)	Annex Q IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
963	Information Technology Equipment	Examples of requirements for quality control programmes	Annex R, R.1, R.2, IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
964	Information Technology Equipment	Procedure for impulse testing	Annex S, S.1, S.2, S.3 IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
965	Information Technology Equipment	Guidance on protection against ingress of water	Annex T IS 13252 (Part 1) + A1 + A2 / IEC 60950-1 + A1 + A2,	Qualitative	Permanent
966	Information Technology Equipment	Insulated winding wires for use without interleaved insulation	Annex U, U.1, U.2, U.2.1, U.2.2.2.3, U.2.4, U3, U.3.1, U.3.2 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
967	Information Technology Equipment	AC power distribution systems	Annex V, V.1, V.2, V.3, V.4 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
968	Information Technology Equipment	Summation of touch currents	Annex W, W.1, W.1.1, W.1.2, W.2, W.2.1, W.2.2, W.2.3 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
969	Information Technology Equipment	Maximum heating effect in transformer tests	Annex X, X.1, X.2 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
970	Information Technology Equipment	Ultraviolet light conditioning test	Annex Y, Y.1, Y.2, Y.3, Y.4 IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
971	Information Technology Equipment	Overvoltage categories	Annex Z IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
972	Information Technology Equipment	Mandrel test	Annex AA IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
973	Information Technology Equipment	Change in second edition	Annex BB IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
974	Information Technology Equipment	Evaluation of integrated circuit (IC) current limiters	Annex CC IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
975	Information Technology Equipment	Requirements for the mounting means of rack-mounted equipment	Annex DD IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
976	Information Technology Equipment	Household and home/office document/media shredders	Annex EE IS 13252 (Part 1) + A1 + A2 /IEC 60950-1 + A1 + A2,	Qualitative	Permanent
977	Mobile Phone Handsets (Indian Language Support for Mobile Phone Handsets)	Indian official Language, Third official language, Requirement, Test & Marking	Clause No. 1, 2,3, 4, 5, 6 Annex A, B & C (Reference standard IS 16350+A1 for Enhanced In script Keyboard Layouts), IS 16333 (Part 3)	Qualitative	Permanent
978	Mobile Phones	Indian Language Support for Mobile handsets	IS 16333 (Part 3)	Qualitative	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
Discipline: Electronics, Group: Environmental					
979	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 0 (IP0X)	IS/IEC 60529	Qualitative	Permanent
980	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 1 (IP1X)	(Cl .13.2) IS/IEC 60529	(40V to 75V) AC Access probe sphere 50mm dia. Rigid sphere: 50mm dia., Force: 50N± 10%	Permanent
981	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 2 (IP2X)	(Cl .13.2) IS/IEC 60529	(40V to 75V) AC Access probe sphere 12.5mm dia. Rigid sphere: 12.5mm dia., Force: 30N± 10%	Permanent
982	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 3 (IP3X)	(Cl .13.2) IS/IEC 60529	(40V to 75V) AC Access probe sphere 2.5mm dia. Rigid sphere: 2.5mm dia., Force: 3N± 10%	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
983	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 4 (IP4X)	(Cl .13.2) IS/IEC 60529	(40V to 75V) AC Access probe sphere 1.0mm dia. Rigid sphere: 1.0mm dia., Force: 1N± 10%	Permanent
984	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 5 (IP5X)	(Cl .13.4, 13.5) IS/IEC 60529	Qualitative	Permanent
985	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of solid foreign objects First characteristic numeral 6 (IP6X)	(Cl .13.4, 13.6) IS/IEC 60529	Qualitative	Permanent
986	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 0 (IPX0)	IS/IEC 60529	Qualitative	Permanent
987	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second	(Cl .14.2.1) IS/IEC 60529	Water flow rate:1mm/min	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
		characteristic numeral 1 with the drip box (IPX1)			
988	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 2 with the drip box (IPX2)	(CI .14.2.2) IS/IEC 60529	Water flow rate:3mm/min, Enclosure 15° tilt	Permanent
989	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 3 with oscillating tube or spray nozzle (IPX3)	(CI .14.2.3 a& b) IS/IEC 60529	oscillating tube: Spray±60° from vertical distance max. 200mm or Spray nozzle: Spray±60° from vertical, Water flow rate 10ltr/min±5% for spray nozzle and 0.07ltr/min±5% for oscillating tube	Permanent
990	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 4 with oscillating tube or spray nozzle (IPX4)	(CI .14.2.4) IS/IEC 60529	oscillating tube: Spray±180° from vertical distance max. 200mm or Spray nozzle: Spray±180° from vertical, Water flow rate 10ltr/min±5% for spray nozzle and 0.07ltr/min±5% for oscillating tube	Permanent
991	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second	(CI .14.2.5) IS/IEC 60529	Nozzle 6.3mm dia., Distance: 2.5m to 3m), Water flow rate: 12.5 ltr./min.±5%	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
		characteristic numeral 5 with 6.3mm nozzle (IPX5)			
992	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 6 with 12.5mm nozzle (IPX6)	(Cl .14.2.6) IS/IEC 60529	Nozzle 12.5mm dia., Distance: 2.5m to 3m), Water flow rate: 100ltr./min.±5%	Permanent
993	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 7 temporary immersion between 0.15 to 1meter (IPX7)	(Cl .14.2.7) IS/IEC 60529	Immersion tank water-level on enclosure 0.15m above top 1m above bottom	Permanent
994	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 8 continuous immersion subject to agreement (IPX8)	(Cl .14.2.8) IS/IEC 60529	Immersion tank water-level by agreement	Permanent



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Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
995	Degrees of protection provided by enclosures (IP CODE)	Degree of Protection provided by Enclosures Ingress of Water ingress test Second characteristic numeral 9 (IPX9)	(Cl .14.2.9) IS/IEC 60529	Water flow rate: (15±1) l/min, Fan jet nozzle, Turntable speed: (5 ±1) r/min, Spray at 00, 300, 600, 900 Spray from all practical directions distance (175±25) mm	Permanent



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