



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5574 Page No. : 1 / 183

Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
<b>Permanent Facility</b>				
1	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Forced discharge	IEC/EN 62281: 2016
2	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Forced discharge	UN 38.3 (CL 38.3.4.8): 2016
3	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Overcharge	UN 38.3 (CL 38.3.4.7): 2016
4	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Shock	UN 38.3(CL 38.3.4.4): 2016
5	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Thermal cycling	IEC/EN 62281: 2016
6	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Vibration	IEC/EN 62281(CL 38.3.4.3): 2016
7	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Altitude	IEC/EN 62281(CL- 6.4.1): 2016
8	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Altitude	UN 38.3(CL 38.3.4.1): 2016
9	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	External short-circuit	IEC/EN 62281(CL- 6.4.5): 2016
10	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	External short-circuit	UN 38.3(CL 38.3.4.5): 2016
11	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Impact/crush	IEC/EN 62281(CL- 6.4.6): 2016
12	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Impact/crush	UN 38.3 (CL 38.3.4.6): 2016
13	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Overcharge	IEC/EN 62281(CL- 6.5.1): 2016
14	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Packaging test (Drop test )	IEC/EN 62281(CL- 6.6): 2016

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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15	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Shock	IEC/EN 62281(CL- 6.4.4): 2016
16	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Thermal cycling	UN 38.3(CL 38.3.4.2): 2016
17	ELECTRICAL- CELLS & BATTERIES	Lithium cells & batteries	Vibration	UN 38.3(CL 38.3.4.3): 2016
18	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Case stress at high ambient temperature (battery)	IS 16046 (Part 2) (CL- 7.2.2): 2018
19	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Case stress at high ambient temperature (battery)	IEC/EN 62133-2(CL- 7.2.2): 2017
20	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Charging procedures for test purposes(First procedure)	IS 16046 (Part 2) (CL- 7.1.1): 2018
21	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Charging procedures for test purposes(First procedure)	IEC/EN 62133-2(CL- 7.1.1): 2017
22	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Charging procedures for test purposes(Second procedure)	IS 16046 (Part 2)(CL- 7.1.2): 2018
23	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Charging procedures for test purposes(Second procedure)	IEC/EN 62133-2(CL- 7.1.2): 2017
24	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Continuous charging at constant voltage (cells)	IS 16046 (Part 2)(CL- 7.2.1): 2018
25	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Continuous charging at constant voltage (cells)	IEC/EN 62133-2(CL- 7.2.1): 2017
26	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Crush (cells)	IS 16046 (Part 2) (CL- 7.3.5): 2018
27	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Crush (cells)	IEC/EN 62133-2(CL- 7.3.5): 2017
28	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	External short-circuit (Battery)	IEC/EN 62133-2(CL- 7.3.2): 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
29	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	External short-circuit (Battery)	IS 16046 (Part 2) (CL- 7.3.2): 2018
30	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	External short-circuit (cell)	IS 16046 (Part 2) (CL- 7.3.1): 2018
31	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	External short-circuit (cell)	IEC/EN 62133-2(CL- 7.3.1): 2017
32	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Forced discharge (cells)	IEC/EN 62133-2(CL- 7.3.7): 2017
33	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Forced discharge (cells)	IS 16046 (Part 2) (CL- 7.3.7): 2018
34	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Free fall	IS 16046 (Part 2) (CL- 7.3.3): 2018
35	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Free fall	IEC/EN 62133-2(CL- 7.3.3): 2017
36	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Information for safety	IS 16046 (Part 2) (CL- 8): 2018
37	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Information for safety	IEC/EN 62133-2(CL- 8): 2017
38	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Insulation and wiring	IS 16046 (Part 2) (CL- 5.2): 2018
39	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Insulation and wiring	IEC/EN 62133-2(CL- 5.2): 2017
40	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Measurement of The Internal AC Resistance for Coin Cells	IS 16046 (Part 2) (D2): 2018
41	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Measurement of The Internal AC Resistance for Coin Cells	IEC/EN 62133-2(D2): 2017
42	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Mechanical shock	IS 16046 (Part 2) (CL- 7.3.8.2): 2018



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
43	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Mechanical shock	IEC/EN 62133-2(CL- 7.3.8.2): 2017
44	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Over-charging of battery	IS 16046 (Part 2) (CL- 7.3.6): 2018
45	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Over-charging of battery	IEC/EN 62133-2(CL- 7.3.6): 2017
46	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Packaging	IS 16046 (Part 2) (CL- 10): 2018
47	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Packaging	IEC/EN 62133-2: 2017
48	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Thermal abuse (cells)	IS 16046 (Part 2) (CL- 7.3.4): 2018
49	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Thermal abuse (cells)	IEC/EN 62133-2(CL- 7.3.4): 2017
50	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Verification of Marking	IS 16046 (Part 2) (CL- 9): 2018
51	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Verification of Marking	IEC/EN 62133-2: 2017
52	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Vibration	IS 16046 (Part 2) (CL- 7.3.8.1): 2018
53	ELECTRICAL- CELLS & BATTERIES	Lithium systems cells & batteries	Vibration	IEC/EN 62133-2(CL- 7.3.8.1): 2017
54	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Continuous low-rate charging (cells)	IS 16046 (Part 1)(CL- 7.2.1): 2018
55	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Continuous low-rate charging (cells)	IEC/EN 62133-1(CL-7.2.1): 2017
56	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Crushing of cells	IEC/EN 62133-1(CL- 7.3.6): 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
57	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Free fall	IS 16046 (Part 1) (CL- 7.3.3): 2018
58	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Information for safety	IEC/EN 62133-1(CL- 9): 2017
59	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Insulation and wiring	IEC/EN 62133-1(CL- 5.2): 2018
60	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Low pressure (cells)	IS 16046 (Part 1) (CL- 7.3.7): 2018
61	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Low pressure (cells)	IEC/EN 62133-1(CL- 7.3.7): 2017
62	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Mechanical shock (crash hazard)	IS 16046 (Part 1) (CL- 7.3.4): 2018
63	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Mechanical shock (crash hazard)	IEC 62133-1(CL- 7.3.4): 2017
64	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Case stress at high ambient temperature (batteries)	IS 16046 (Part 1) (CL- 7.2.3): 2018
65	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Case stress at high ambient temperature (batteries)	IEC/EN 62133-1(CL- 7.2.3): 2017
66	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Charging procedure for test purposes	IS 16046 (Part 1) (CL- 7.1): 2018
67	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Charging procedure for test purposes	IEC/EN 62133-1(CL.7.1): 2017
68	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	External short circuit	IEC/EN 62133-1(CL- 7.3.2): 2017
69	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	External short circuit	IS 16046 (Part 1) (CL- 7.3.2): 2018
70	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Forced discharge (cells)	IS 16046 (Part 1) (CL- 7.3.9): 2018



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
71	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Forced discharge (cells)	IEC/EN 62133-1(CL- 7.3.9): 2017
72	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Free fall	IEC/EN 62133-1(CL- 7.3.3): 2017
73	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Incorrect installation (cells)	IS 16046 (Part 1) (CL- 7.3.1): 2018
74	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Incorrect installation (cells)	IEC 62133-1(CL- 7.3.1): 2017
75	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Information for safety	IEC/EN 62133-1(CL- 8): 2017
76	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Insulation and wiring	IS 16046 (Part 1) (CL- 5.2): 2018
77	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Insulation and wiring	IS 16046 (Part 1)(CL- 5.2): 2018
78	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Overcharge	IS 16046 (Part 1) (CL- 7.3.8): 2018
79	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Overcharge	IEC/EN 62133-1(CL- 7.3.8): 2017
80	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Packaging	IS 16046 (Part 1) (CL- 10): 2018
81	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Packaging	IEC/EN 62133-1(CL- 10): 2017
82	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Temperature cycling	IS 16046 (Part 1) (CL- 7.2.4): 2018
83	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Temperature cycling	IEC 62133-1(CL- 7.2.4): 2017
84	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Thermal abuse (cells)	IS 16046 (Part 1) (CL- 7.3.5): 2018



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
85	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Thermal abuse (cells)	IEC/EN 62133-1(CL- 7.3.5): 2017
86	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Verification of Marking	IS 16046 (Part 1) (CL- 8): 2018
87	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Vibration	IS 16046 (Part 1) (CL- 7.2.2): 2018
88	ELECTRICAL- CELLS & BATTERIES	Nickel systems cells & batteries	Vibration	IEC 62133-1(CL- 7.2.2): 2017
89	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary storage type electric water heater	Rated power input	IS 302-2-21, CI.10: 2011
90	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary storage type electric water heater	Standing loss per 24 hours	IS 2082, CI.15: 2018
91	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary storage type electric water heater	Verification of the rated capacity	IS 2082, CI.14: 2018
92	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	(Degrees of protection provided by enclosures (IP Code))	Protection against solid foreign objects indicated by the first characteristic numeral IP1X to 4X	IEC 60529, CI.4: 1989
93	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosures (IP Code)	Protection against solid foreign objects indicated by the first characteristic numeral IP1X to 4X	EN 60529, CI.4: 1991



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
94	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	Protection against mechanical impactsSpring Impact hammer (IK01, IK02, IK03, IK04, IK05)Pendulum hammer(IK06, IK07, IK08 & IK09)	IEC 62262, Cl.6: 2002
95	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	Protection against mechanical impactsSpring Impact hammer (IK01, IK02, IK03, IK04, IK05)Pendulum hammer(IK06, IK07, IK08 & IK09)	IEC 62696, Cl.6: 2011
96	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	Protection against mechanical impactsSpring Impact hammer (IK01, IK02, IK03, IK04, IK05)Pendulum hammer(IK06, IK07, IK08 & IK09)	IEC 60068-2-75, Cl.6: 2014
97	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Cold (Low Temperature)	EN 60068-2-1: 2007
98	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Cold (Low Temperature)	EN 60068-2-1, Cl.: 2007
99	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Damp heat cyclic	EN 60068-2-30: 2005
100	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Damp heat cyclic	IEC 60068-2-30: 2005





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
101	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Damp heat steady state	EN 60068-2-78: 2013
102	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Damp heat steady state	IEC 60068-2-78: 2012
103	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Dry Heat (High Temperature)	EN 60068-2-2: 2007
104	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Dry Heat (High Temperature)	IEC 60068-2-2: 2007
105	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Temperature Cyclic	EN 60068-2-38: 2009
106	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Temperature Cyclic	IEC 60068-2-38: 2009
107	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Electrical Items	Vibration (Sinusoidal & Random)	IEC 60068-2-6 : 2007, IEC 60068-2-64: 2008
108	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Terminals	IS 10322 (Part5/Sec5), cl10: 2013
109	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Creepage distances and clearances	IEC 61347-2-13, Cl. 17: 2014



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110	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Creepage distances and clearances	IS 15885 (Part 2/Sec 13), Cl. 17: 2012
111	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Electric Strength	IS 15885 (Part 2/Sec 13).Cl.12: 2012
112	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Electric Strength	IEC 61347-2-13, Cl.12: 2014
113	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Fault conditions	IS 15885 (Part 2/Sec 13), Cl.14: 2012
114	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Fault conditions	IEC 61347-2-13, Cl.14: 2014
115	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Moisture resistance and insulation	IEC 61347-2-13, Cl. 11: 2014
116	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Moisture resistance and insulation	IS 15885 (Part 2/Sec 13), Cl.11: 2012
117	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Protection against accidental contact with live parts	IS 15885 (Part 2/Sec 13), Cl.8: 2012



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
118	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Protection against accidental contact with live parts	IEC 61347-2-13, Cl. 8: 2014
119	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Provisions for protective earthing	IS 15885 (Part 2/Sec 13), Cl.10: 2012
120	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Provisions for protective earthing	IEC 61347-2-13, Cl. 10: 2014
121	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Resistance to heat, fire and tracking Glow wire test Needle Flame Tracking index	IS 15885 (Part 2/Sec 13), Cl.19: 2012
122	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Resistance to heat, fire and tracking Glow wire test Needle Flame Tracking index	IEC 61347-2-13, Cl.19: 2014
123	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Screws, current-carrying parts and connections	IS 15885 (Part 2/Sec 13), Cl.18: 2012
124	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Screws, current-carrying parts and connections	IEC 61347-2-13, Cl.18: 2014
125	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Terminals	IS 15885 (Part 2/Sec 13), Cl.9: 2012



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
126	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Terminals	IEC 61347-2-13, Cl. 9: 2014
127	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Transformer heating	IS 15885 (Part 2/Sec 13), Cl.15: 2012
128	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Transformer heating	IEC 61347-2-13, Cl. 15: 2014
129	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Verification of Construction	IS 15885 (Part 2/Sec 13), Cl.16: 2012
130	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Verification of Construction	IEC 61347-2-13, Cl. 16: 2014
131	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Verification of marking	IS 15885 (Part 2/Sec 13), Cl.7: 2012
132	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Verification of marking	IEC 61347-2-13, Cl. 7: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
133	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	classification	IS 15885 (Part 2/Sec 13), Cl. 6: 2012
134	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	classification	IEC 61347-2-13, Cl. 6: 2014
135	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Resistance to corrosion	IEC 61347-2-13, Cl. 20: 2014
136	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control gear, AC or DC supplied electronic control gear for LED Module	Resistance to corrosion	IS 15885 (Part 2/Sec 13), Cl. 20: 2012
137	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Creepage distances and clearances	IEC 62031, cl. 15: 2018
138	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Creepage distances and clearances	EN 62031, cl. 15: 2008
139	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Electric strength	IEC 62031, CL. 11: 2018
140	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Electric strength	EN 62031, cl. 11: 2008



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
141	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Fault conditions	IEC 62031, cl. 12: 2018
142	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Fault conditions	EN 62031, cl. 12: 2008
143	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Moisture resistance and insulation	IEC 62031, cl. 10: 2018
144	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Moisture resistance and insulation	EN 62031, cl. 10: 2008
145	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Protection against accidental contact with live parts	IEC 62031, Cl. 9: 2018
146	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Protection against accidental contact with live parts	EN 62031, Cl. 9: 2008
147	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Provision for protective earthing	IEC 62031, cl. 8: 2018
148	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Provision for protective earthing	EN 62031, cl. 8: 2008
149	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Resistance to corrosion	IEC 62031, cl. 18: 2018
150	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Resistance to corrosion	EN 62031, cl. 18: 2008



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
151	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Resistance to heat, fire and tracking	IEC 62031,cl. 17: 2018
152	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Resistance to heat, fire and tracking	EN 62031,cl. 17: 2008
153	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Screws, current-carrying parts and connections	IEC 62031,cl. 16: 2018
154	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Screws, current-carrying parts and connections	EN 62031,cl. 16: 2008
155	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Terminals	IEC 62031,cl. 7: 2018
156	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Terminals	EN 62031,cl. 7: 2008
157	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Verification of construction	IEC 62031,cl. 14: 2018
158	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Verification of construction	EN 62031,Cl. 14: 2008
159	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Verification of Marking	EN 62031, Cl.6: 2008
160	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Module for general lighting	Verification of Marking	IEC 62031, Cl.6: 2018



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
161	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaire for road and street lighting	Verification of construction	IS 10322 (Part5/Sec3), Cl.7: 2012
162	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Endurance test and thermal test	IS 10322 (Part 1).Cl.12: 2014
163	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	External and internal wiring	IS 10322 (Part 1),Cl.5: 2014
164	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	External and internal wiring	IEC 60598-1,Cl.5: 2014
165	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	External and internal wiring	EN 60598-1,Cl.5: 2015
166	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Protection against electric shock	IS 10322 (Part 1), Cl.8: 2014
167	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Protection against electric shock	IEC 60598-1,Cl.8: 2014
168	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to dust, solid objects and moisture(Restricted to IP1X, IP2X, IP3X and IP4X only)	IEC 60598-1,Cl.9: 2014
169	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to dust, solid objects and moisture(Restricted to IP1X, IP2X, IP3X and IP4X only)	IS 10322 (Part 1),Cl.9: 2014
170	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to dust, solid objects and moisture(Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-1,Cl.9: 2015





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
171	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Creepage distances & clearances	IS 10322 (Part5/Sec1), Cl. 8: 2012
172	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Creepage distances & clearances	IEC 60598-2-1, Cl. 1.7: 1979
173	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Creepage distances & clearances	EN 60598-2-1, Cl. 1.7: 1989
174	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Endurance test and thermal test	IEC 60598-2-1, Cl. 1.12:: 1979
175	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Endurance test and thermal tests	EN 60598-2-1, Cl. 1.12: 1989
176	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Endurance test and thermal tests	IS 10322 (Part5/Sec1), Cl.13: 2012
177	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	External and internal wiring	IS 10322 (Part5/Sec1), Cl. 11: 2012
178	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	External and internal wiring	IEC 60598-2-1, Cl. 1.10: 1979
179	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	External and internal wiring	EN 60598-2-1, Cl. 1.10: 1989
180	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Insulation resistance and electric strength	IS 10322 (Part5/Sec1), Cl.15: 2012



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
181	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Insulation resistance and electric strength	IEC 60598-2-1, Cl. 1.14: 1979
182	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Insulation resistance and electric strength	EN 60598-2-1, Cl. 1.14: 1989
183	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Protection against electric shock	IS 10322 (Part5/Sec1), Cl. 12: 2012
184	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Protection against electric shock	IEC 60598-2-1, Cl. 1.11: 1979
185	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Protection against electric shock	EN 60598-2-1, Cl. 1.11: 1989
186	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Provision for earthing	IS 10322 (Part5/Sec1), Cl. 9: 2012
187	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Provision for earthing	IEC 60598-2-1, Cl. 1.8: 1979
188	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Provision for earthing	EN 60598-2-1, Cl. 1.8: 1989
189	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IEC 60598-2-1, Cl. 1.13: 1979
190	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-2-1, Cl. 1.13: 1989



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
191	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IS 10322 (Part5/Sec1), Cl.14: 2012
192	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Resistance to heat, fire and tracking	IS 10322 (Part5/Sec1), Cl. 16: 2012
193	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Resistance to heat, fire and tracking	IEC 60598-2-1, Cl. 1.15: 1979
194	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Resistance to heat, fire and tracking	EN 60598-2-1, Cl. 1.15: 1989
195	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Terminals	IS 10322 (Part5/Sec1), Cl. 10: 2012
196	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Terminals	IEC 60598-2-1, Cl. 1.9: 1979
197	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Terminals	EN 60598-2-1, Cl. 1.9: 1989
198	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Verification of construction	IS 10322 (Part5/Sec1), Cl.7: 2012
199	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Verification of construction	IEC 60598-2-1, Cl.1.6: 1979
200	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Verification of construction	EN 60598-2-1, Cl. 1.6: 1989



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
201	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Verification of Marking	IS 10322 (Part5/Sec1), CI.1.5: 2012
202	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Verification of Marking	IEC 60598-2-1, CI. 1.5: 1979
203	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires - Fixed general-purpose luminaire	Verification of Marking	EN 60598-2-1, CI. 1.5: 1989
204	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Creepage distances and clearances	IS 10322 (Part5/Sec5), CI.8: 2013
205	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Creepage distances and clearances	IEC 60598-2-5, CI.5.7: 2015
206	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Creepage distances and clearances	EN 60598-2-5, CI.5.7: 2015
207	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Endurance test and thermal test	IS 10322 (Part5/Sec5), cl 13: 2013
208	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Endurance test and thermal test	IEC 60598-2-5, cl 5.12: 2015
209	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Endurance test and thermal test	EN 60598-2-5, CI 5.12: 2015
210	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	External and internal wiring	IS 10322 (Part5/Sec5), cl 11: 2013



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
211	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	External and internal wiring	IEC 60598-2-5, cl 5.10: 2015
212	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	External and internal wiring	EN 60598-2-5, CI 5.10: 2015
213	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Insulation resistance and electric strength	IS 10322 (Part5/Sec5) , cl 15: 2013
214	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Insulation resistance and electric strength	IEC 60598-2-5, cl 5.14: 2015
215	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Insulation resistance and electric strength	EN 60598-2-5, CI. 5.14: 2015
216	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Protection against electric shock	IS 10322 (Part5/Sec5), CI 12: 2013
217	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Protection against electric shock	IEC 60598-2-5, CI 5.11: 2015
218	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Protection against electric shock	EN 60598-2-5, CI 5.11: 2015
219	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Provision for earthing	IS 10322 (Part5/Sec5), cl.9: 2013
220	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Provision for earthing	IEC 60598-2-5, cl.5.8: 2015



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
221	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Provision for earthing	EN 60598-2-5, Cl. 5.8: 2015
222	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Resistance to dust and moisture(Restricted to IP1X, IP2X, IP3X and IP4X only)	IS 10322 (Part 5/ Sec 5), Cl. 14: 2013
223	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Resistance to dust and moisture(Restricted to IP1X, IP2X, IP3X and IP4X only)	IEC 60598-2-5, cl 5.13: 2015
224	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Resistance to dust and moisture(Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-2-5, Cl. 5.13: 2015
225	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Resistance to heat, fire and tracking	IS 10322 (Part5/Sec5), cl 16: 2013
226	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Resistance to heat, fire and tracking	IEC 60598-2-5, cl 5.15: 2015
227	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Resistance to heat, fire and tracking	EN 60598-2-5, Cl. 5.15: 2015
228	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Terminals	IEC 60598-2-5, cl 5.9: 2015
229	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Terminals	EN 60598-2-5, Cl. 5.9: 2015
230	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Verification of Construction	IS 10322 (Part5/Sec5),Cl. 7: 2013



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
231	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Verification of construction	IEC 60598-2-5, cl.5.6: 2015
232	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Verification of construction	EN 60598-2-5, Cl.5.6: 2015
233	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Verification of Marking	IS 10322 (Part5/Sec5), cl.6: 2013
234	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Verification of Marking	IS 10322 (Part5/Sec5), Cl.6: 2013
235	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Verification of Marking	IEC 60598-2-5, cl.5.5: 2015
236	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Floodlights	Verification of Marking	EN 60598-2-5, Cl.5.5: 2015
237	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Creepage distances and clearances	IS 10322 (Part 1).Cl.11: 2014
238	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Creepage distances and clearances	IEC 60598-1,Cl.11: 2014
239	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Creepage distances and clearances	EN 60598-1,Cl. 11: 2015
240	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Endurance test and thermal test	IEC 60598-1,Cl.12: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
241	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Endurance test and thermal test	EN 60598-1, Cl.12: 2015
242	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Insulation resistance and electric strength, touch current and protective conductor current	IS 10322 (Part 1), Cl.10: 2014
243	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Insulation resistance and electric strength, touch current and protective conductor current	IEC 60598-1, Cl.10: 2014
244	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Insulation resistance and electric strength, touch current and protective conductor current	EN 60598-1, Cl.10: 2015
245	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Protection against electric shock	EN 60598-1, Cl.8: 2015
246	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Provision for earthing	IS 10322 (Part 1), Cl. 7: 2014
247	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Provision for earthing	IEC 60598-1, Cl.7: 2014
248	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Provision for earthing	EN 60598-1, Cl. 7: 2015
249	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Resistance to heat, fire and tracking	IS 10322 (Part 1), Cl.13: 2014
250	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Resistance to heat, fire and tracking	IEC 60598-1, Cl.13: 2014





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
251	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Resistance to heat, fire and tracking	EN 60598-1, Cl.13: 2015
252	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Screw terminals	IS 10322 (Part 1).Cl.14: 2014
253	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Screw terminals	IEC 60598-1, Cl.14: 2014
254	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Screw terminals	EN 60598-1, Cl.14: 2015
255	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Screwless terminals & electrical connections	IS 10322 (Part 1).Cl.15: 2014
256	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Screwless terminals & electrical connections	IEC 60598-1, Cl.15: 2014
257	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Screwless terminals & electrical connections	EN 60598-1, Cl.15: 2015
258	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Verification of construction	IS 10322 (Part 1).Cl.4: 2014
259	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Verification of Construction	IEC 60598-1, Cl.4: 2014
260	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Verification of construction	EN 60598-1, Cl.4: 2015



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
261	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Verification of Marking	IS 10322 (Part 1), Cl.3: 2014
262	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Verification of Marking	IEC 60598-1, Cl.3: 2014
263	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – General requirements and tests	Verification of Marking	EN 60598-1, Cl.3: 2015
264	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Creepage distances and clearances	IS 10322 (Part5/Sec6), cl. 8: 2013
265	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Creepage distances and clearances	IEC 60598-2-8, cl. 8.8: 2013
266	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Creepage distances and clearances	EN 60598-2-8, cl. 8.8: 2013
267	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Endurance test and thermal	IEC 60598-2-8, Cl.13: 2013
268	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Endurance test and thermal test	IEC 60598-2-8, Cl.13: 2013
269	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Endurance test and thermal test	EN 60598-2-8, Cl.8.13: 2013
270	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	External and internal wiring	IS 10322 (Part5/Sec6), Cl,11: 2013



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
271	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	External and internal wiring	EN 60598-2-8, Cl.8.11: 2013
272	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Insulation resistance and electric strength	IS 10322 (Part5/Sec6), cl.15: 2013
273	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Insulation resistance and electric strength	IEC 60598-2-8, Cl.8.15: 2013
274	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Insulation resistance and electric strength	IEC 60598-2-8, Cl.8.15: 2013
275	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Protection against electric shock	IEC 60598-2-8, Cl.8.12: 2013
276	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Protection against electric shock	IS 10322 (Part5/Sec6), Cl.12: 2013
277	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Protection against electric shock	EN 60598-2-8, Cl.8.12: 2013
278	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Provision for earthing	IS 10322 (Part5/Sec6), Cl.9: 2013
279	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Provision for earthing	IEC 60598-2-8, Cl.8.9: 2013
280	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Provision for earthing	EN 60598-2-8, Cl.8.9: 2013



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
281	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IS 10322 (Part5/Sec6), Cl.14: 2013
282	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-2-8, Cl.8.14: 2013
283	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-2-8, Cl.8.14: 2013
284	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Resistance to heat, fire and tracking	IS 10322 (Part5/Sec6), Cl.16: 2013
285	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Resistance to heat, fire and tracking	IEC 60598-2-8, Cl.8.16: 2013
286	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Resistance to heat, fire and tracking	EN 60598-2-8, cl.8.16: 2013
287	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Terminals	IS 10322 (Part5/Sec6), Cl.10: 2013
288	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Terminals	IEC 60598-2-8, cl.8.10: 2013
289	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Terminals	EN 60598-2-8, Cl.8.10: 2013
290	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Verification of construction	IS 10322 (Part5/Sec6), cl. 7: 2013



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
291	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Verification of construction	IEC 60598-2-8, cl. 8.7: 2013
292	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Verification of construction	EN 60598-2-8, Cl. 8.7: 2013
293	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Verification of Marking	IS 10322 (Part5/Sec6), cl. 6: 2013
294	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Verification of Marking	IEC 60598-2-8, Cl. 8.6: 2013
295	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Handlamps	Verification of Marking	EN 60598-2-8, cl. 8.6: 2013
296	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Creepage distances and clearances	IS 10322 (Part5/Sec7) Cl 20.8: 2017
297	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Creepage distances and clearances	IEC 60598-2-20 , Cl. 20.8: 2014
298	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Creepage distances and clearances	EN 60598-2-20, Cl. 20.8: 2015
299	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Endurance test and thermal test	IS 10322 (Part5/Sec7), cl. 20.13: 2017
300	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Endurance test and thermal test	IEC 60598-2-20, cl. 20.13: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
301	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Endurance test and thermal test	EN 60598-2-20, cl. 20.13: 2015
302	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	External and internal wiring	IS 10322 (Part5/Sec7), cl. 20.11: 2017
303	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	External and internal wiring	IEC 60598-2-20, cl. 20.11: 2014
304	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	External and internal wiring	EN 60598-2-20, cl. 20.11: 2015
305	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Insulation resistance and electric strength	IS 10322 (Part5/Sec7), cl. 20.15: 2017
306	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Insulation resistance and electric strength	IEC 60598-2-20, cl. 20.15: 2014
307	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Insulation resistance and electric strength	EN 60598-2-20, cl. 20.15: 2015
308	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Protection against electric shock	EN 60598-2-20, cl. 20.12: 2015
309	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Protection against electric shock	IS 10322 (Part5/Sec7), cl. 20.12: 2017
310	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Protection against electric shock	IEC 60598-2-20, cl. 20.12: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
311	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Provision for earthing	IS 10322 (Part5/Sec7), CI.20.9: 2017
312	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Provision for earthing	EN 60598-2-20, CI.20.9: 2015; IEC 60598-2-20, CI.20.9: 2014
313	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IS 10322 (Part5/Sec7), cl. 20.14: 2017
314	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-2-20, CI. 20.14: 2015
315	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IEC 60598-2-20, CI. 20.14: 2014
316	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Resistance to heat, fire and tracking	IS 10322 (Part5/Sec7), cl. 20.16: 2017
317	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Resistance to heat, fire and tracking	IEC 60598-2-20, cl. 20.16: 2014
318	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Resistance to heat, fire and tracking	EN 60598-2-20, cl. 20.16: 2015
319	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Terminals	IEC 60598-2-20, CI.20.10: 2014
320	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Terminals	IS 10322 (Part5/Sec7), CI. 20.10: 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
321	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Terminals	EN 60598-2-20, Cl.20.10: 2015
322	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Verification of construction(E14 and E27 only)	IEC 60598-2-20, cl.20.7: 2014
323	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Verification of construction(E14 and E27 only)	EN 60598-2-20, Cl. 20.7: 2015
324	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Verification of construction(E14 and E27 only)	IS 10322 (Part5/Sec7), Cl. 20.7: 2017
325	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Verification of Marking	IS 10322 (Part5/Sec7), Cl.20.6: 2017
326	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Verification of Marking	IEC 60598-2-20, Cl.20.6: 2014
327	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Lighting chains	Verification of Marking	EN 60598-2-20, Cl.20.6: 2015
328	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Creepage distances and clearances	S 10322 (Part5/Sec3), Cl.8: 2012
329	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Creepage distances and clearances	IEC 60598-2-3, Cl.3.7: 2002
330	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Creepage distances and clearances	EN 60598-2-3, Cl.3.7: 2003





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
331	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Endurance test and thermal test	IS 10322 (Part5/Sec3), CI.12: 2012
332	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Endurance test and thermal test	IEC 60598-2-3, CI.3.12: 2002
333	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Endurance test and thermal test	EN 60598-2-3, CI.3.12: 2003
334	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	External and internal wiring	IS 10322 (Part5/Sec3), CI.11: 2012
335	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	External and internal wiring	IEC 60598-2-3, CI.3.10: 2002
336	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	External and internal wiring	EN 60598-2-3, CI.3.10: 2003
337	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Insulation resistance and electric strength	IS 10322 (Part5/Sec3), CI.15: 2012
338	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Insulation resistance and electric strength	IEC 60598-2-3, CI.3.14: 2002
339	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Insulation resistance and electric strength	EN 60598-2-3, CI.3.14: 2003
340	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Protection against electric shock	IS 10322 (Part5/Sec3), CI.12: 2012



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
341	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Protection against electric shock	IEC 60598-2-3, Cl.3.11: 2002
342	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Protection against electric shock	EN 60598-2-3, cl.3.11: 2003
343	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Provision for earthing	IS 10322 (Part5/Sec3), Cl.9: 2012
344	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Provision for earthing	IEC 60598-2-3, Cl.3.8: 2012
345	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Provision for earthing	EN 60598-2-3, Cl.3.8: 2003
346	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IS 10322 (Part5/Sec3), Cl.14: 2012
347	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IEC 60598-2-3, Cl.3.13: 2002
348	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-2-3, Cl.3.13: 2003
349	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Resistance to heat, fire and tracking	IS 10322 (Part5/Sec3), Cl.16: 2012
350	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Resistance to heat, fire and tracking	IEC 60598-2-3, Cl.3.15: 2002



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
351	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Resistance to heat, fire and tracking	EN 60598-2-3, Cl.3.15: 2003
352	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Terminals	IS 10322 (Part5/Sec3), Cl.10: 2012
353	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Terminals	IEC 60598-2-3, Cl.3.9: 2002
354	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Terminals	EN 60598-2-3, Cl.3.9: 2003
355	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Verification of construction	IEC 60598-2-3, Cl.3.6: 2002
356	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Verification of construction	EN 60598-2-3, Cl.3.6: 2003
357	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Verification of Marking	IS 10322 (Part5/Sec3), Cl.6: 2012
358	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Verification of Marking	IEC 60598-2-3, Cl.3.5: 2002
359	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Luminaire for road and street lighting	Verification of Marking	EN 60598-2-3, Cl.3.5: 2003
360	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Creepage distances and clearances	IS 10322 (Part5/Sec4), Cl.7: 1987



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
361	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Creepage distances and clearances	IEC 60598-2-4, Cl. 4.8: 2017
362	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Creepage distances and clearances	EN 60598-2-4, Cl.4.8: 2018
363	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Endurance test and thermal test	IS 10322 (Part5/Sec4), cl.13.4: 1987
364	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Endurance test and thermal test	IEC 60598-2-4, Cl.4.13: 2017
365	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Endurance test and thermal test	EN 60598-2-4, Cl.4.13: 2018
366	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	External and internal wiring	IS 10322 (Part5/Sec4), cl.10: 1987
367	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	External and internal wiring	IEC 60598-2-4, Cl.4.11: 2017
368	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	External and internal wiring	EN 60598-2-4, cl.4.11: 2018
369	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Insulation resistance and electric strength	IS 10322 (Part5/Sec4), cl.13.6: 1987
370	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Insulation resistance and electric strength	IEC 60598-2-4, cl.4.15: 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
371	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Insulation resistance and electric strength	EN 60598-2-4, Cl.4.15: 2018
372	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Protection against electric shock	IS 10322 (Part5/Sec4), cl.11: 1987
373	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Protection against electric shock	IEC 60598-2-4, Cl.4.12: 2017
374	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Protection against electric shock	EN 60598-2-4, cl.4.12: 2018
375	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Provision for earthing	IEC 60598-2-4, Cl.4.9: 2017
376	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Provision for earthing	EN 60598-2-4, Cl.4.9: 2018
377	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Provision for earthing	IS 10322 (Part5/Sec4), Cl.1987: 1987
378	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-2-4, Cl.4.14: 2018
379	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IS 10322 (Part5/Sec4), Cl. 13.5: 1987
380	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IEC 60598-2-4, Cl.4.14: 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
381	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Resistance to heat, fire and tracking	IS 10322 (Part5/Sec4), Cl.13.7: 1987
382	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Resistance to heat, fire and tracking	IEC 60598-2-4, Cl.4.16: 2017
383	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Resistance to heat, fire and tracking	EN 60598-2-4, Cl.4.16: 2018
384	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Terminals	IS 10322 (Part5/Sec4), Cl.: 1987
385	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Terminals	IEC 60598-2-4, Cl.4.10: 2017
386	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Terminals	EN 60598-2-4, cl.4.10: 2018
387	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Verification of construction	IS 10322 (Part5/Sec4), Cl.6: 1987
388	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Verification of construction	IEC 60598-2-4, Cl.4.7: 2017
389	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Verification of construction	EN 60598-2-4, Cl.4.7: 2018
390	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Verification of Marking	IS 10322 (Part5/Sec4), Cl.5: 1987



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
391	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Verification of Marking	IEC 60598-2-4, Cl.4.6: 2017
392	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Portable general-purpose luminaire	Verification of Marking	EN 60598-2-4, Cl.4.6: 2018
393	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Creepage distances and clearances	IS 10322 (Part5/Sec2).Cl. 8: 2012
394	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Creepage distances and clearances	IEC 60598-2-2, Cl. 2.8: 2011
395	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Creepage distances and clearances	EN 60598-2-2, Cl. 2.8: 2012
396	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Endurance test and thermal test	IEC 60598-2-2, Cl.2.13: 2011
397	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Endurance test and thermal test	EN 60598-2-2, Cl.2.13: 2012
398	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Endurance test and thermal test	IS 10322 (Part5/Sec2), Cl.13: 2012
399	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	External and internal wiring	IS 10322 (Part5/Sec2), Cl.11: 2012
400	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	External and internal wiring	IEC 60598-2-2, Cl.2.11: 2012



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
401	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	External and internal wiring	EN 60598-2-2, Cl.2.11: 2012
402	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Insulation resistance and electric strength	IS 10322 (Part5/Sec2), Cl.15: 2012
403	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Insulation resistance and electric strength	IEC 60598-2-2, Cl.2.15: 2011
404	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Insulation resistance and electric strength	EN 60598-2-2, Cl.2.15: 2012
405	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Protection against electric shock	IS 10322 (Part5/Sec2), Cl.12: 2012
406	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Protection against electric shock	IEC 60598-2-2, Cl.2.12: 2011
407	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Protection against electric shock	EN 60598-2-2, Cl.2.12: 2012
408	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Provision for earthing	IS 10322 (Part5/Sec2), Cl. 9: 2012
409	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Provision for earthing	IEC 60598-2-2, Cl. 2.9: 2011; EN 60598-2-2, Cl. 2.9: 2012
410	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IEC 60598-2-2, Cl.2.14: 2011





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
411	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	EN 60598-2-2, Cl.2.14: 2012
412	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Resistance to dust and moisture (Restricted to IP1X, IP2X, IP3X and IP4X only)	IS 10322 (Part5/Sec2), Cl.: 2012
413	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Resistance to heat, fire and tracking	IS 10322 (Part5/Sec2), Cl.16: 2012
414	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Resistance to heat, fire and tracking	IEC 60598-2-2, Cl.2.16: 2011; EN 60598-2-2, Cl.2.16: 2012
415	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Terminals	IS 10322 (Part5/Sec2), Cl. 10: 2012
416	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Terminals	IEC 60598-2-2, Cl. 2.10: 2011
417	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Terminals	EN 60598-2-2, Cl.2.10: 2012
418	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Verification of construction	IS 10322 (Part5/Sec2), Cl.7: 2012
419	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Verification of construction	IEC 60598-2-2, Cl. 2.7: 2011
420	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Verification of construction	EN 60598-2-2, Cl. 2.7: 2012



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
421	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Verification of Marking	IS 10322 (Part5/Sec2), Cl. 6: 2012
422	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Verification of Marking	IEC 60598-2-2, Cl. 2.6: 2011
423	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires – Recessed luminaires	Verification of Marking	EN 60598-2-2, Cl. 2.6: 2012
424	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Cap Temperature Rise	IS 16102 (Part 1), Cl.10: 2012
425	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Cap Temperature Rise	IEC 62560, Cl. 10: 2011
426	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Creepage distances and clearances	IS 16102 (Part 1), Cl.14: 2012
427	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Creepage distances and clearances	IEC 62560, Cl. 14: 2011
428	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Fault Condition	IS 16102 (Part 1), Cl.13: 2012
429	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Fault Condition	IEC 62560, Cl. 13: 2011
430	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Resistance to Flame and Ignition Glow wire test	IEC 62560, Cl.12: 2011



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
431	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Resistance to Flame and Ignition Glow wire test	IS 16102 (Part 1), Cl.12: 2012
432	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Resistance to Heat	IS 16102 (Part 1), Cl.11: 2012
433	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Resistance to Heat	IEC 62560, Cl.11: 2011
434	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Insulation Resistance and Electric strength	IS 16102 (Part 1), Cl.8: 2012
435	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Insulation Resistance and Electric strength	IEC 62560, Cl. 8: 2011
436	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Interchangeability	IS 16102 (Part 1), Cl.6: 2012
437	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Interchangeability	IEC 62560, Cl.6: 2011
438	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Mechanical Strength	IS 16102 (Part 1), Cl.9: 2012
439	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Mechanical Strength	IEC 62560, Cl. 9: 2011
440	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Protection against accidental contacts with live parts	IEC 62560, Cl.7: 2011



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
441	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Verification of Marking	IS 16102 (Part 1), CI.5: 2012
442	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Verification of Marking	IEC 62560, CI.5: 2011
443	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps	Protection against accidental contacts with live parts	IS 16102 (Part 1), CI. 7: 2012
444	ELECTRONICS- AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Humidity Treatment	IS 616, CI.10.3: 2017
445	ELECTRONICS- AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Humidity Treatment	IEC 60065, CI.10.3: 2014
446	ELECTRONICS- AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Insulation resistance and dielectric strength	IS 616, CI.10.4: 2017
447	ELECTRONICS- AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Insulation resistance and dielectric strength	IEC 60065, CI.10.4: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
448	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Resistance To Fire	IS 616 ,cl. 20: 2017
449	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Resistance To Fire	IEC 60065, Cl.20: 2014
450	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Terminals	IS 616,Cl.15.2: 2017
451	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Terminals	IEC 60065,Cl.15.2: 2014
452	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Verification of Construction Requirement with regard to the Protection Against Electric Shock	IS 616 , Cl.8.1, 8.2: 2017
453	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Antenna Coaxial Socket Mounted on the Apparatus	IS 616 , Cl.12.5: 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
454	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Antenna Coaxial Socket Mounted on the Apparatus	IEC 60065 Cl.12.5: 2014
455	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Bump	IS 616, Cl.12.1.2: 2017
456	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Bump	IEC 60065 , Cl.12.1.2: 2014
457	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Clearances And Creepage Distances	IS 616, Cl. 13.3, 13.4 : 2017
458	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Clearances And Creepage Distances	IEC 60065 , Cl. 13.3, 13.4: 2014
459	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Covers Subjected to Force During normal use	IS 616, Cl. 8.12: 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
460	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Covers Subjected to Force During normal use	IEC 60065, Cl. 8.12: 2014
461	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Covers Subjected to Force During normal use	IEC 60065, Cl. 8.12: 2014
462	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Crush Test for button cell batteries	IS 616, CL. 12.7.3.6 : 2017
463	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Crush Test for button cell batteries	IEC 60065, CL. 12.7.3.6 : 2014
464	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Determination of Working Voltage	IS 616, Cl.13.2: 2017
465	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Determination of Working Voltage	IEC 60065, Cl.13.2: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
466	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Devices Forming Part of the mains Plug	IS 616, CI.15.4: 2017
467	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Devices Forming Part of the mains Plug	IEC 60065 ,CI.15.4: 2014
468	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Drop	IS 616, CI.12.1.5: 2017
469	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Drop	IEC 60065, CI.12.1.5: 2014
470	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Electric Shock Hazards Under Normal Operating Conditions	IS 616 ,CI.9.1.1, 9.1.1.1, 9.1.1.2: 2017
471	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Electric Shock Hazards Under Normal Operating Conditions	IEC 60065, CI.9.1.1, 9.1.1.1, 9.1.1.2: 2014





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
472	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Electrical Connection and Mechanical Fixings	IS 616, CI.17: 2017
473	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Electrical Connection and Mechanical Fixings	IEC 60065, CI.17: 2014
474	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	External Flexible Cords	IS 616 , CI.16: 2017
475	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	External Flexible Cords	IEC 60065, CI.16: 2014
476	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Fault Condition Electrical Shock Hazardous	IEC 60065, CI.11: 2014
477	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Fault Condition Electrical Shock Hazardous	IS 616, CI.11: 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
478	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Fault Conditions	IS 616 , Cl. 4.3: 2017
479	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Fault Conditions	IEC 60065, Cl.4.3: 2014
480	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Fixing of Actuating Element	IS 616, Cl.12.2 : 2017
481	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Fixing of Actuating Element	IEC 60065, Cl.12.2: 2014
482	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Heating under Normal Operating Conditions	IS 616, Cl.7.1, 7.1.1, 7.1.2, 7.1.3, 7.1.4: 2017
483	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Heating under Normal Operating Conditions	IEC 60065, Cl.7.1, 7.1.1, 7.1.2, 7.1.3, 7.1.4: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
484	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Impact	IS 616 , CI.12.1.4: 2017
485	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Impact	IEC 60065, CI.12.1.4: 2014
486	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Insulation of Hazardous Live parts	IS 616, CI.8.3,8.4, 8.5, 8.6: 2017
487	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Insulation of Hazardous Live parts	IEC 60065, CI.8.3,8.4, 8.5, 8.6: 2014
488	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Internal Wiring of the Apparatus	IS 616, CI. 8.12: 2017
489	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Internal Wiring of the Apparatus	IEC 60065, CI. 8.13: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
490	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Joint Insulation / Enclosed and Sealed parts	IS 616, Cl. 13.6 ,13.7: 2017
491	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Joint Insulation / Enclosed and Sealed parts	IEC 60065, Cl. 13.6 ,13.7: 2014
492	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Normal Operating Conditions	IS 616 , Cl.4.2: 2017
493	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Normal Operating Conditions	IEC 60065, Cl.4.2: 2014
494	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Remote control device held in hand	IS 616, Cl.12.3: 2017
495	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Remote control device held in hand	IEC 60065, Cl.12.3: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
496	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Resistance to External Forces	IS 616 ,CI.9.1.7: 2017
497	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Resistance to External Forces	IEC 60065 ,CI.9.1.7: 2014
498	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Stability and Mechanical Hazards	IEC 60065, CI.19.1, 19.2,19.3,19.4,19.5,19.7: 2014
499	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Stability and Mechanical Hazards	IS 616 ,CI.19.1, 19.2,19.3,19.4,19.5,19.7: 2017
500	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Stress Relief	IS 616 ,CI.12.1.6: 2017
501	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Stress Relief	IEC 60065,CI.12.1.6: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
502	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Surge	IS 616, Cl.10.2: 2017
503	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Surge	IEC 60065, Cl.10.2: 2014
504	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Telescoping of Rod Antennas	IS 616, Cl.12.6: 2017
505	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Telescoping of Rod Antennas	IEC 60065, Cl.12.6: 2014
506	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Verification of Construction Requirement with regard to the Protection Against Electric Shock	IEC 60065, Cl.8.1, 8.2: 2014
507	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Verification of Marking & Instructions; Identification and supply Ratings	IS 616 , Cl. 5: 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
508	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Verification of Marking & Instructions; Identification and supply Ratings	IEC 60065, Cl. 5: 2014
509	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Vibration Test	IS 616, Cl. 12.1.3: 2017
510	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Vibration Test	IEC 60065, Cl. 12.1.3: 2014
511	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Withdrawal of mains Plug	IS 616, Cl. 9.1.6: 2017
512	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Musical Instrument )	Withdrawal of mains Plug	IEC 60065, Cl. 9.1.6: 2014
513	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LCD/Plasma TV, Amplifier, Power adapter, Musical Instrument )	Heating under Normal Operating Conditions	IS 616, Cl. 7.1.5 and 7.1.6: 2017



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
514	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	CLEARANCES and CREEPAGE DISTANCES	IEC 60065, Cl. 13.8: 2014
515	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	CLEARANCES and CREEPAGE DISTANCES	IS 616, Cl. 13.8: 2017
516	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Drawers test	IEC 60065, Cl. 12.4: 2014
517	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Heat resistance of insulating material	IS 616, Cl. 7.2: 2017
518	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Heating under Normal Operating Conditions	IEC 60065, Cl. 7.1.5 and 7.1.6: 2014





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519	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Power adapter Musical Instrument)	Non-separable thin sheet material (Mandrel test)	IS 616, Cl. 8.21: 2017
520	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Power adapter Musical Instrument)	Constructional requirements with regard to the protection against electric shock	IS 616, Cl. 8.1, 8.2, 8.7, 8.8, 8.9, 8.10, 8.11, 8.14, 8.15, 8.18, 8.19, 8.20: 2017
521	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Power adapter Musical Instrument)	Constructional requirements with regard to the protection against electric shock	IEC 60065, Cl. 8.1, 8.2, 8.7, 8.8, 8.9, 8.10, 8.11, 8.14, 8.15, 8.18, 8.19, 8.20: 2014
522	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Power adapter Musical Instrument)	Drawers test	IS 616, Cl. 12.4: 2017
523	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus (LED/LED/Plasma TV, Amplifier, Power adapter Musical Instrument)	Electric shock hazard under normal operating conditions	IEC 60065, Cl. 9.1.1.3, 9.1.3, 9.1.4, 9.1.5, 9.2: 2014



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
524	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Electric shock hazard under normal operating conditions	IS 616, Cl. 9.1.1.3, 9.1.3, 9.1.4, 9.1.5, 9.2 : 2017
525	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Heat resistance of insulating material	IEC 60065, Cl. 7.2: 2014
526	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Mechanical strength of glass (Fragmentation test)	IS 616, Cl. 19.6 : 2017
527	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Mechanical strength of glass (Fragmentation test)	IEC 60065, Cl. 19.6 : 2014
528	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Non-separable thin sheet material	IEC 60065, Cl. 8.21 : 2014



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529	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Printed boards	IS 616, Cl. 13.5 : 2017
530	ELECTRONICS-AUDIO EQUIPMENT	Audio-Video and Electronic Apparatus(LED/LED/PI asma TV, Amplifier, Power adapter Musical Instrument)	Printed boards	IEC 60065, Cl. 13.5 : 2014
531	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Desktop Computers/ Notebook Computers	Power Measurement in Off Mode, Sleep Mode, and Idle state.	IEC 62301: 2011
532	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Desktop Computers/ Notebook Computers	Power Measurement in Off Mode, Sleep Mode, and Idle state.	IEC 62623: 2012
533	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Current or voltage limiting device	IEC 61010-1, Cl 6.5.6: 2010
534	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	AC voltage DC voltage	IEC 61010-1, Cl. 6.8.3.1, 6.8.3.2: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
535	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Automatic disconnection of the supply	IEC 61010-1, CI 6.5.5: 2010
536	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Circuits with terminals which are hazardous live	IEC 61010-1, CI. 6.6.3: 2010
537	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Connection to external circuit	IEC 61010-1, CI 6.6.1: 2010
538	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Cord anchorage	IEC 61010-1, CI. 6.10.2.2: 2010
539	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Cord entry	IEC 61010-1, CI 6.10.2.1: 2010
540	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Determination of accessible parts	IEC 61010-1, CI. 6.2.2, 6.2.3, 6.2.4: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
541	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Disconnection from supply source	IEC 61010-1, Cl. 6.11.1, 6.11.2, 6.11.3, 6.11.4: 2010
542	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Durability of Marking	IEC 61010-1, Cl. 5.3: 2010
543	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Expelled parts	IEC 61010-1, Cl. 7.7: 2010
544	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Heating test	IEC 61010-1, Cl. 10.1, 10.2, 10.3, 10.4: 2010
545	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Humidity Preconditioning	IEC 61010-1, Cl. 6.8.2: 2010
546	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Impulse voltage test	IEC 61010-1, Cl. 6.8.3.3: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
547	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Insulating material	IEC 61010-1, Cl. 10.5.3 (1): 2010
548	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Insulation Requirements	IEC 61010-1, Cl. 6.7: 2010
549	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Integrity of CLEARANCES and CREEPAGE DISTANCES	IEC 61010-1, Cl. 10.5.1: 2010
550	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Limited-energy circuit	IEC 61010-1, Cl. 9.4: 2010
551	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Limits values for accessible parts - Levels in normal condition - Levels in single fault condition	IEC 61010-1, Cl. 6.3.1, 6.3.2: 2010
552	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Mains supply cord	IEC 61010-1, Cl. 6.10.1: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
553	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Marking and documentation General, Identification	IEC 61010-1, Cl. 5.1.1, Cl 5.1.2: 2010
554	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Moving parts	IEC 61010-1, Cl. 7.3: 2010
555	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Non-metallic ENCLOSURES	IEC 61010-1, Cl. 10.5.2: 2010
556	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Overcurrent protection verification	IEC 61010-1, Cl. 9.6: 2010
557	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Plugs and connectors	IEC 61010-1, Cl. 6.10.3: 2010
558	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Primary means of protection- Enclosures and protective barriers- Basic Insulation -Impedance	IEC 61010-1, Cl. 6.4.2, 6.4.3, 6.4.4: 2010



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559	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Protection Against Electric Shock	IEC 61010-1, Cl. 6.1.1, Cl. 6.1.2: 2010
560	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Protection against hazardous from fluids and solid foreign object	IEC 61010-1, Cl.11: 2010
561	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Protection against the spread of fire- Eliminating or reducing the source of ignition within the equipment- Containment of fire within the equipment, should it occur	IEC 61010-1, Cl. 9.1, 9.2, 9.3: 2010
562	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Protective Bonding	IEC 61010-1, Cl. 6.5.2: 2010
563	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Protective Impedance	IEC 61010-1, Cl. 6.5.4: 2010
564	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Provisions for lifting and carrying	IEC 61010, Cl. 7.5 : 2010





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565	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Requirements for equipment containing or using flammable liquids	IEC 61010-1, Cl. 9.5: 2010
566	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Resistance to mechanical stresses (Enclosure rigidity)(Static test, Impact test drop test)	IEC 61010-1, Cl. 8.1, 8.2, 8.3: 2010
567	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Sharp edges	IEC 61010-1, Cl. 7.2: 2010
568	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Stability	IEC 61010-1, Cl. 7.4: 2010
569	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Supplementary insulation and reinforced insulation	IEC 61010-1, Cl. 6.5.3: 2010
570	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Terminals for stranded conductor	IEC 61010-1, Cl. 6.6.4: 2010



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571	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Wall mounting	IEC 61010-1, Cl. 7.6: 2010
572	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Constructional requirements for protection against electric shock - General	IEC 61010-1, Cl. 6.9.1, 6.9.2, 6.9.3: 2010
573	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Safety requirements for electrical equipment for measurement, control, and laboratory use	Mains Supply	IEC 61010-1, Cl. 5.1.3: 2010
574	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television	Power consumption	IEC 62087: 2015
575	ELECTRONICS-DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	TV, Desktop Computer, Laptop, External Power Adapter, Battery Charger, Audio Equipment, Combination Units Office Equipment Printers, Scanners, Copiers, Fax Machines & Multi-Function Devices	Stand-by Power	IEC 62301: 2011



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
576	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Mobile Phones	Indian Language Support for Mobile handsets	IS 16333 (Part 3): 2017
577	ELECTRONICS-POWER SUPPLIES & STABILIZERS	AC-DC/AC-AC External Power supply	Energy Efficiency	IEC 62301: 2011
578	ELECTRONICS-POWER SUPPLIES & STABILIZERS	AC-DC/DC -DC Power Supply	Energy Efficiency	IEC 62301: 2011
579	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Accessibility to electrical energy sources and safeguards	IEC/EN 62368-1 (Clause 5.3.2) : 2018
580	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Antenna terminal insulation	IEC/EN 62368-1(Clause 5.4.5) : 2018
581	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Ball pressure test	IEC/EN 62368-1 (Clause 5.4.1.10.3) : 2018
582	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Capacitor discharge	IEC/EN 62368-1, Cl. 5.5.2.2: 2018
583	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Cart, stand or carrier loading test	IEC/EN 62368-1 (Clause 8.10.3): 2018



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
584	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Clearance, creepage	IEC/EN 62368-1 (Clause 5.4.2, 5.4.3) : 2018
585	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Compliance criteria(Force test)	IEC/EN 62368-1 (Clause 4.8.5) : 2018
586	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Criteria for telephone ringing signals (TNV circuit test)	IEC/EN 62368-1 (Annex H): 2018
587	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Crush test	IEC/EN 62368-1 (Clause 4.8.4.6) : 2018
588	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Drop test	IEC/EN 62368-1 (Annex T.7) : 2018
589	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Electric strength	IEC/EN 62368-1 (Clause 5.4.9) : 2018
590	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Enclosure impact test	IEC/EN 62368-1 (Annex T.6): 2018
591	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Equipment for direct insertion into mains socket-outlets	IEC/EN 62368-1 (Clause 4.7): 2018



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
592	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Equipment mounted to a wall or ceiling	IEC/EN 62368-1 (Clause 8.7): 2018
593	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Fixing Conductor	IEC/EN 62368-1 (Clause 4.6): 2018
594	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Handle strength	IEC/EN 62368-1 (Clause 8.8): 2018
595	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Humidity conditioning	IEC/EN 62368-1 (Clause 5.4.8) : 2018
596	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Impact test	IEC/EN 62368-1 (Annex T.9): 2018
597	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Impulse test	IEC/EN 62368-1 (Clause 5.4.10.2.2) : 2018
598	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Input test	IEC 62368-1, (Annex B.2.5): 2018
599	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Limited power source	IEC/EN 62368-1 (Annex Q.1): 2018



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600	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Mains supply connection (Cord anchorage)	IEC/EN 62368-1 (Annex G.7): 2018
601	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Maximum operating temperature (Temperature measurement)	IEC/EN 62368-1 (Clause 5.4.1.4) : 2018
602	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Power source circuit	IEC/EN 62368-1 (Clause 6.2.2): 2018
603	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Prospective touch voltage, touch current and protective conductor current	IEC/EN 62368-1 (Clause 5.7) : 2018
604	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Resistance of the Protective Bonding System (Earth bond test)	IEC/EN 62368-1 (Clause 5.6.6) : 2018
605	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	RMS working voltage/Peak working voltage	IEC/EN 62368-1 (Clause 5.4.1.8.2/5.4.1.8.3) : 2018
606	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Simulated abnormal operating conditions/Simulated single fault conditions	IEC/EN 62368-1 (Annex B.2.5): 2018
607	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Static stability	IEC/EN 62368-1 (Clause 8.6.2): 2018



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
608	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Steady force test	IEC/EN 62368-1 (Annex T.5): 2018
609	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Steady force test	IEC/EN 62368-1 (Annex T.2): 2018
610	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Steady force test	IEC/EN 62368-1 (Annex T.3): 2018
611	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Steady-state test (electric strength test)	IEC/EN 62368-1 (Clause 5.4.10.2.3) : 2018
612	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Stress relief test	IEC/EN 62368-1 (Annex T.8) : 2018
613	ELECTRONICS-SAFETY TESTING FACILITY	Audio/Video, Information and Communication Technology Equipment	Test for the permanence of marking	IEC/EN 62368-1 (Annex F.3.9): 2018



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
614	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders,	Power interface	IEC 60950-1, Cl. 1.6.2: 2005





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
615	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Abnormal Operating and fault Condition	IEC 60950-1, Cl.5.3: 2005



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616	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Abnormal Operating and fault Condition	IS 13252 (Part 1), Cl.5.3: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
617	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Access to Energized Parts	IS 13252 (Part 1), Cl.2.1.1.1: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
618	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Access to Energized Parts	IEC 60950-1, Cl.2.1.1.1: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
619	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Clearances & Creepage Distances	IS 13252 (Part 1), Cl. .2.10.3, Cl. 2.10.3.6, Cl. 2.10.3.7, Cl. 2.10.3.8 , Cl. 2.10.3.9, Cl 2.10.4, Cl. 2.10.4.2: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
620	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Clearances & Creepage Distances	IEC 60950-1, Cl. 2.10.3, Cl. 2.10.3.6, Cl. 2.10.3.7, Cl. 2.10.3.8, Cl. 2.10.3.9, Cl. 2.10.4, Cl. 2.10.4.2: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
621	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Component External Terminations	IS 13252 (Part 1) CI.2.10.7: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
622	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Component External Terminations	IEC 60950-1, Cl.2.10.7: 2005





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
623	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Connection to cable distribution system	IS 13252 (Part 1) CI.7.4.3: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
624	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Connection to cable distribution system	IEC 60950-1, Cl.7.4.3: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
625	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Connection to Telecom Network	IEC 60950-1, Cl.6.1, 6.2, 6.3: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
626	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Connection to Telecom Network	IS 13252 (Part 1), Cl.6.1, 6.2, 6.3: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
627	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Direct plug-in Equipment	IEC 60950-1, Cl.4.3.6: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
628	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Direct plug-in Equipment	IS 13252 (Part 1), Cl.4.3.6: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
629	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Discharge of Capacitors	IEC 60950-1, Cl.2.1.1.7: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
630	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Discharge of Capacitors	IS 13252 (Part 1), Cl. 2.1.1.7: 2010





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
631	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Distances through insulation	IS 13252 (Part 1), Cl.2.10.5.2: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
632	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Distances through insulation	IEC 60950-1, Cl.2.10.5.2: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
633	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Drop	IS 13252 (Part 1), Cl.4.2.6: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
634	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Drop	IEC 60950-1, Cl.4.2.6: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
635	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Durability	IS 13252 (Part 1), Cl.1.7.11: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
636	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Durability	IEC 60950-1, Cl.1.7.11: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
637	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Electric Strength	IS 13252 (Part 1), Cl.5.2: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
638	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Electric Strength	IEC 60950-1, Cl.5.2: 2005





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
639	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Energy hazards	IS 13252 (Part 1), Cl.2.1.1.5: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
640	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Energy hazards	IEC 60950-1, Cl.2.1.1.5 : 2005



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
641	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Humidity Conditioning	IS 13252 (Part 1), Cl. 2.9.2: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
642	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Humidity Conditioning	IEC 60950-1, Cl.2.10.2: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
643	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Impact	IS 13252 (Part 1), CI.4.2.5: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
644	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Impact	IEC 60950-1, Cl.4.2.5: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
645	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Limited current circuits	IS 13252 (Part 1), Cl.2.4: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
646	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Limited current circuits	IEC 60950-1, Cl.2.4: 2005





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
647	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Limited power sources	IS 13252 (Part 1), Cl. 2.5: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
648	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Limited power sources	IEC 60950-1, Cl.2.5: 2005



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## SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
649	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Mechanical Strength	IS 13252 (Part 1), Cl.4.2.2, 4.2.3, 4.2.4: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
650	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Mechanical Strength	IEC 60950-1, Cl.4.2.2, 4.2.3, 4.2.4: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
651	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Power interface	IS 13252 (Part 1), Cl. 1.6.2: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
652	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Protection against moving fan blades	IS 13252 (Part 1), Cl.4.4.5: 2010



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Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
653	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Protection against moving fan blades	IEC 60950-1, Cl.4.4.5: 2005



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Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
654	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Resistance of Earthing Conductors and their Terminations	IS 13252 (Part 1), Cl. 2.6.3.4: 2010





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## SCOPE OF ACCREDITATION

Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
655	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Resistance of Earthing Conductors and their Terminations	IEC 60950-1, Cl.2.6.3.4: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
656	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Resistance to abnormal heat – Ball Pressure	IS 13252 (Part 1), Cl.4.5.5: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
657	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Resistance to abnormal heat – Ball Pressure	IEC 60950-1, Cl.4.5.5: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
658	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Resistance to fire Glow wire (Horizontal & vertical Flame)	IS 13252 (Part 1), Cl.4.7.3.2, 4.7.3.3, 4.7.3.4: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
659	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Resistance to fire Glow wire (Horizontal & vertical Flame)	IEC 60950-1, Cl.4.7.3.2, 4.7.3.3, 4.7.3.4: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
660	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	SELV circuits	IS 13252 (Part 1), Cl. 2.2: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
661	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	SELV circuits	IEC 60950-1, Cl.2.2: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
662	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Stability	IS 13252 (Part 1), Cl.4.1: 2010





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663	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Stability	IEC 60950-1, Cl.4.1: 2005



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5574 Page No. : 122 / 183

Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
664	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Stress relief	IS 13252 (Part 1), Cl.4.2.7: 2010



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## SCOPE OF ACCREDITATION

Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
665	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Stress relief	IEC 60950-1, Cl.4.2.7: 2005



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## SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
666	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Thermal Cycling	IS 13252 (Part 1) CI.2.10.9: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
667	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Thermal Cycling	IEC 60950-1, Cl.2.10.9: 2005



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Accreditation Standard ISO/IEC 17025:2017

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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
668	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Thermal Requirement	IS 13252 (Part 1), Cl.4.5: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
669	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Thermal Requirement	IEC 60950-1, Cl.4.5: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
670	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	TNV circuits	IS 13252 (Part 1), Cl.2.3: 2010





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
671	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	TNV circuits	IEC 60950-1, Cl.2.3: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
672	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Touch Current and protective conductor current	IS 13252 (Part 1), Cl. 5.1: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
673	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Touch Current and protective conductor current	IEC 60950-1, Cl.5.1: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
674	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Wiring, connections and supply	IS 13252 (Part 1), Cl.3: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
675	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Wiring, connections and supply	IEC 60950-1, Cl.3: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
676	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Working Voltage	IS 13252 (Part 1), Cl. 2.10.2: 2001



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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
677	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, set Top Box, Cash Register, Point of sale terminal, Mail processing machine/ postage machine/ Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smart watches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recorders, Copying machine/ duplicators, VDU	Working Voltage	IEC 60950-1, Cl.2.10.2: 2005



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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
678	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	AC power distribution systems, Voltage limit of hand-held equipment, Neutral conductor	IS 13252 (Part 1) , Cl.1.6.1, 1.6.3, 1.6.4: 2010





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
679	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Clearances, creepage distances and distances through insulation	IS 13252 (Part 1), Cl.2.10.1, 2.10.5.1, 2.10.5.3, 2.10.5.5, 2.10.5.6, 2.10.5.7, 2.10.5.9, 2.10.10: 2010



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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
680	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Connection to a mains supply	IS 13252 (Part 1), Cl.3.2.1, 3.2.2, 3.2.3, 3.2.4, 3.2.5.2, 3.2.7, 3.2.9: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
681	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Cord guard	IEC 60950-1. Cl. 3.2.8: 2005



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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
682	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Cord guard	IS 13252 (Part 1), Cl. 3.2.8: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
683	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Design and construction	IEC 60950-1, Cl.4.3.1,4.3.2,4.3.3, 4.3.4, 4.3.5, 4.3.7 : 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
684	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Disconnection from the mains supply	IS 13252 (Part 1), Cl.3.4: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
685	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Energy hazard	IEC 60950-1, Cl. 2.1.1.8: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
686	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Energy hazards	IS 13252 (Part 1), Cl. 2.1.1.8: 2010





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
687	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Interconnection of equipment	IEC 60950-1,CI.3.5 : 2005



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5574 Page No. : 146 / 183

Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
688	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Overcurrent and earth fault protection in primary circuits	IEC 60950-1, Cl.2.7: 2005



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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
689	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Protection against hazardous moving parts	IEC 60950-1, Cl.4.4.1, 4.4.2, 4.4.3, 4.4.4 : 2005



# National Accreditation Board for Testing and Calibration Laboratories

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## SCOPE OF ACCREDITATION

Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
690	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVR ecorders, Copyingmachine/ duplicators,VDU)	Resistance to fire	IEC 60950-1, Cl.4.7.1, 4.7.2, 4.7.3.1, 4.7.3.5, 4.7.3.6 : 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
691	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Resistance to fire	IS 13252 (Part 1), Cl.4.7.1, 4.7.2, 4.7.3.1, 4.7.3.5, 4.7.3.6 : 2010



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Validity 08/05/2019 to 07/05/2021 Last Amended on 08/08/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
692	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mail processing machine/postage machine/Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smartwatches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT equipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	AC power distribution systems, Voltage limit of hand-held equipment, Neutral conductor	IEC 60950-1, Cl.1.6.1, 1.6.3, 1.6.4: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
693	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Clearances, creepage distances and distances through insulation	IEC 60950-1, Cl.2.10.1, 2.10.5.1, 2.10.5.3, 2.10.5.5, 2.10.5.6, 2.10.5.7, 2.10.5.9, 2.10.10: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
694	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Connection to a mains supply	IEC 60950-1, Cl.3.2.1, 3.2.2, 3.2.3, 3.2.4, 3.2.5.2, 3.2.7, 3.2.9: 2005





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
695	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Connection to cable distribution systems	IS 13252 (Part 1), Cl.7.1, 7.2, 7.3 : 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
696	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Connection to cable distribution systems	IEC 60950-1, Cl.7.1, 7.2, 7.3 : 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
697	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Construction of printed boards	IEC 60950-1, Cl.2.10.6, 2.10.7, 2.10.8: 2005



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Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
698	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Construction of printed boards	IS 13252 (Part 1), Cl.2.10.6, 2.10.7, 2.10.8: 2010



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Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
699	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Cord anchorages and strain relief Test	IS 13252 (Part 1),Cl. 3.2.6: 2010



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Laboratory Name	NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
700	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Design and construction	IS 13252 (Part 1), Cl.4.3.1,4.3.2,4.3.3, 4.3.4, 4.3.5, 4.3.7 : 2010



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Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
701	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Disconnection from the mains supply	IEC 60950-1, Cl.3.4: 2005



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Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
702	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Electrical insulation	IEC 60950-1, Cl.2.9.1, 2.9.3, 2.9.4: 2005





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
703	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Electrical insulation	IS 13252 (Part 1), Cl.2.9.1, 2.9.3, 2.9.4: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
704	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Interconnection of equipment	IS 13252 (Part 1), CI.3.5: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
705	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Markings and instructions Inspection	IEC 60950-1, Cl.1.7.1 to 1.7.10, 1.7.12, 1.7.13, 1.7.14: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
706	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Markings and instructions Inspection	IS 13252 (Part 1) , Cl.1.7.1 to 1.7.10, 1.7.12, 1.7.13, 1.7.14: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
707	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Non-separable thin sheet material (Mandrel Test)	IEC 60950-1, Cl.2.10.5.8 and annex AA: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
708	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Non-separable thin sheet material (Mandrel Test)	IS 13252 (Part 1), Cl.2.10.5.8 and annex AA: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
709	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Openings in enclosures	IEC 60950-1,Cl.4.6 : 2005



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## SCOPE OF ACCREDITATION

Laboratory Name NEMKO INDIA (TEST LAB) PRIVATE LIMITED, PLOT NO 2, SECOND FLOOR, DLF INDUSTRIAL ESTATE NO. 1, SECTOR-37, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
710	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Openings in enclosures	IS 13252 (Part 1), Cl.4.6 : 2010





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
711	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Overcurrent and earth fault protection in primary circuits	IS 13252 (Part 1), Cl.2.7: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
712	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Protection against hazardous moving parts	IS 13252 (Part 1), Cl.4.4.1, 4.4.2, 4.4.3, 4.4.4 : 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
713	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Protection from hazards	IS 13252 (Part 1) , Cl.2.1.1.2, 2.1.1.3, 2.1.1.4, 2.1.1.6, 2.1.1.9, 2.1.2, 2.1.3: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
714	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Protection from hazards	IEC 60950-1, Cl.2.1.1.2, 2.1.1.3, 2.1.1.4, 2.1.1.6, 2.1.1.9, 2.1.2, 2.1.3: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
715	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Provisions for earthing and bonding	IEC 60950-1, Cl.2.6.1, 2.6.2, 2.6.3.2, 2.6.3.5, 2.6.4, 2.6.5: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
716	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Provisions for earthing and bonding	IS 13252 (Part 1), Cl.2.6.1, 2.6.2, 2.6.3.2, 2.6.3.5, 2.6.4, 2.6.5: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
717	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Voltage surge test	IEC 60950-1, Cl.7.4.2 : 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
718	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Voltage surge test	IS 13252 (Part 1), Cl.7.4.2 : 2010





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
719	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Wall or ceiling mounted equipment	IEC 60950-1, Cl.4.2.10: 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
720	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Wall or ceiling mounted equipment	IS 13252 (Part 1), Cl.4.2.10: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
721	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mailprocessing machine/postage machine/Franking machine, WirelessKeyboard, Power bank for use in portable application, PassportReader, Smartwatches, USB driven barcodereaders, Barcodescanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for IT Equipments, MobilePhone, Smart card reader, CCTV Cameras/CCTV recorders, Copying machine/ duplicators, VDU)	Wiring terminals for connection of external conductors	IS 13252 (Part 1), Cl.3.3: 2010



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
722	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of saleterminal, Mailprocessing machine/postage machine/Frankingmachine, WirelessKeyboard, Power bankfor use in portableapplication, PassportReader, Smartwatches, USB drivenbarcodereaders, Barcodescanner, Iris scanner,optical finger scanners,Scanner, Telephoneanswering machine,Automatic dataprocessing machine,Printer and plotters,Power adapter for ITEquipments, MobilePhone, Smart cardreader, CCTVCameras/CCTVRecorders, Copyingmachine/duplicators,VDU)	Wiring terminals for connection of external conductors	IEC 60950-1,CI.3.3 : 2005



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
723	ELECTRONICS-SAFETY TESTING FACILITY	Laptop/ notebook, setTop Box, CashRegister, Point of sale terminal, Mail processing machine/postage machine/Franking machine, Wireless Keyboard, Power bank for use in portable application, Passport Reader, Smartwatches, USB driven barcode readers, Barcode scanner, Iris scanner, optical finger scanners, Scanner, Telephone answering machine, Automatic data processing machine, Printer and plotters, Power adapter for ITEquipments, Mobile Phone, Smart card reader, CCTV Cameras/CCTV Recordors, Copying machine/ duplicators, VDU	Cord anchorages and strain relief Test	IEC 60950-1, Cl. 3.2.6: 2005
724	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Creepage and Clearance distances	IS 10437, Appendix C: 1986
725	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Creepage and Clearance distances	IEC 60215 (Edition 4), Annex A: 2016



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
726	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Fault conditions Tests	IS 10437, Cl.5.0: 1986
727	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Fault conditions Tests	IEC 60215 (Edition 4), Cl.5.3: 2016
728	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Fire	IS 10437, Cl. 8.3: 1986
729	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Fire	IEC 60215 (Edition 4), Cl.8.3: 2016
730	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	High Temperatures	IS 10437, Cl.18: 1986
731	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	High Temperatures	IEC 60215 (Edition 4), Cl.8.2: 2016
732	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Protection against electric shock	IS 10437, Cl.10: 1986
733	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Protection against electric shock	IEC 60215 (Edition 4) Cl.7.1: 2016
734	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Protection against electric shock-Opening in enclosure	IS 10437, Cl.12: 1986
735	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Protection against electric shock-Opening in enclosure	IEC 60215 (Edition 4), Cl7.3: 2016



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
736	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Resistance To Humidity	IS 10437, Cl.8.2: 1986
737	ELECTRONICS-SAFETY TESTING FACILITY	Radio Transmitting Equipment	Resistance To Humidity	IEC 60215 (Edition 4), Cl. 6.3.2: 2016