National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 27/12/2022 to 26/12/2024 **Last Amended on** 23/01/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Air pressure test (upto 225AH)	IS 13514 Cl. no.8.9
2	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Cycle Endurance Test (Upto 220 A)	IS 13514 Cl. no.8.13
3	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Capacity test (Upto 220 Ah)	IS 13514 Cl. no. 8.10
4	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Capacity test (Upto 220 Ah)	IS 13514 Cl. no.8.10
5	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Charge retention test (Upto 220 Ah)	IS 13514 Cl. no. 8.11
6	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Charge retention test (Upto 220 Ah)	IS 13514 Cl. no.8.11
7	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Charge retention test (Upto 220 Ah)	IS 13514 Cl. no.8.11
8	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Cycle Endurance Test (Upto 220AH)	IS 13514 Cl. no.8.13
9	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Cycle Endurance Test (Upto 220 Ah)	IS 13514 Cl. no.8.13
10	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Test for high rate discharge (Upto 220 AH)	IS 13514 Cl. no. 8.12
11	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Test for high rate discharge	IS 13514 Cl. no. 8.12
12	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Test for high rate discharge	IS 13514 Cl. no.8.12
13	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Verification of dimensions	IS 13514 Cl. no.8.7
14	ELECTRICAL- CELLS & BATTERIES	Lead Acid Batteries for Electrical Road vehicles	Visaul examination	IS 13514 Cl. no.8.6
15	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	AIr pressure test	IS 8320 Cl. 12.6
16	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Capacity test (Upto 220 Ah)	IS 8320 Cl. 12.7
17	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Capacity test (Upto 220 Ah)	IS 8320 Cl. 12.7
18	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Capacity test (Upto 220 Ah)	IS 8320 Cl.12,7

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Life test and endurance test (Upto 220 Ah)	IS 8320 Cl. 12.14
20	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Life test and endurance test (Upto 220 Ah)	IS 8320 Cl. 12.14
21	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Life test and endurance test (Upto 220Ah)	IS 8320 Cl. 12.14
22	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Storage (Upto 220 Ah)	IS 8320 Cl. 12.17
23	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Storage (Upto 220 Ah)	IS 8320 Cl. 12.17
24	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for Ah and Wh efficiencies (Upto 220 Ah)	IS 8320 Cl. 12.9
25	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for Ah and Wh efficiencies (Upto 220 Ah)	IS 8320 Cl. 12.9
26	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for Ah and Wh efficiencies (Upto 220 Ah)	IS 8320 Cl. 12.9
27	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for high rate discharge at low temperature (Upto 600 A)	IS 8320 Cl. 12.11
28	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for high rate discharge at low temperature (Upto 600 A)	IS 8320 Cl. 12.11
29	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for high rate discharge at normal temperature (Upto 220 AH)	IS 8320 Cl. 12.10
30	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for high rate discharge at normal temperature (Upto 600 A)	IS 8320 Cl.12.10
31	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for loss of capacity on storage (Upto 220 Ah)	IS 8320 Cl. 12.8
32	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for loss of capacity on storage (Upto 220 Ah)	IS 8320 Cl. 12.8
33	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for loss of capacity on storage (Upto 220 Ah)	IS 8320 Cl.12.8
34	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for resistance to overcharge (Upto 220 Ah)	IS 8320 Cl. 12.12
35	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for resistance to overcharge (Upto 220 Ah)	IS 8320 Cl. 12.12
36	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for resistance to overcharge(Upto 220 Ah)	IS 8320 Cl. 12.12

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
37	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for voltage during discharge (Upto 220 Ah)	IS 8320 Cl. 12.13
38	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for voltage during discharge (Upto 220 Ah)	IS 8320 Cl. 12.13
39	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for voltage during discharge (Upto 220 Ah)	IS 8320 Cl. 12.13
40	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Test for voltage during discharge (Upto 220 Ah)	IS 8320 Cl.12.13
41	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Verification of marking and packing	IS 8320 Cl. 12.5
42	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Verification of dimension , layout and mass	IS 8320 Cl. 12.4
43	ELECTRICAL- CELLS & BATTERIES	Lead Acid Storage batteries	Verification of marking and packing	IS 8320 Cl. 12.5
44	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Air pressure Test	cl 9.6 of IS 7372
45	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Capacity	IS 7372 Cl. no. 9.7
46	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Capacity	IS 7372 Cl. no. 9.7Others
47	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Capacity	IS 7372 Cl. no.9.7
48	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Dimension and Layout	IS 7372 Cl. no.9.4
49	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge at low temperature	IS 7372 Cl. no. 9.10
50	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge at low temperature	IS 7372 Cl. no.9.10
51	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge at normal temperature for batteries for heavy duty application.	IS 7372 Cl. no.9.11
52	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge at normal temperature.	IS 7372 Cl. no. 9.9
53	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge at normal temperature.	IS 7372 Cl. no. 9.9
54	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge at low temperature	IS 7372 Cl .no.9.10

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
55	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge at normal temperature for batteries for heavy duty application	IS 7372 Cl. no.9.11
56	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge at normal temperature for batteries for heavy duty application	IS 7372 Cl. no.9.11
57	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High Rate Discharge Capacity	Clause 9.17 of IS 7372
58	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High Rate Discharge capacity	Clause 9.17 of IS 7372
59	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge capacity (Dry Charged battery)	IS 7372 Cl. 9.17
60	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High rate discharge capacity (Dry charged battery)	IS 7372 Cl. 9.17
61	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	High Rate Discharges Capacity	Clause 9.17 of IS:7372
62	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Life test	IS 7372 Cl. no. 9.14
63	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Life test	IS 7372 Cl. no. 9.14
64	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Life test	IS 7372 Cl. no.9.14
65	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Marking	IS 7372 Cl. no. 9.5
66	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Physical Examination	IS 7372 Cl. no.9.3
67	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Resistance to overcharge	IS 7372 Cl. no. 9.13
68	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Resistance to overcharge	IS 7372 Cl. no. 9.13
69	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Resistance to overcharge	IS 7372 Cl. no.9.13
70	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Retention of charge	IS 7372 Cl. no. 9.12
71	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Retention of charge	IS 7372 Cl. no. 9.12
72	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Retention of charge	IS 7373 Cl. no.9.12

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
73	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Short Ckt test	Cl 8.15 of IS 13514
74	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Storage	IS 7372 Cl. no. 9.15
75	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Storage	IS 7372 Cl. no. 9.15
76	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Storage	IS 7372 Cl. no.9.15
77	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Storage for dry batteries	IS 7372 Cl. no. 9.16
78	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Storage for dry batteries	IS 7372 Cl. No. 9.16
79	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicle	Storage for dry batteries	IS 7372 Cl. no. 9.16
80	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicles	High rate discharge at normal temperature.	IS 7372 Cl. no. 9.9
81	ELECTRICAL- CELLS & BATTERIES	Lead-Acid Storage Batteries For Motor vehicles	High rate discharge capacity (Dry charged battery)	IS 7372 Cl. 9.17
82	ELECTRICAL- CELLS & BATTERIES	Others Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Water loss test (Up to 220Ah)	Cl 11.9 of IS 13369 200Ah)
83	ELECTRICAL- CELLS & BATTERIES	Secondary cells & Batteries for Solar photo Voltaic application	Capacity Test	Cl 8.1 of IS 16270
84	ELECTRICAL- CELLS & BATTERIES	Secondary cells & Batteries for Solar photo Voltaic application	Charge Retention Test	Cl 8.3 if IS 16270
85	ELECTRICAL- CELLS & BATTERIES	Secondary cells & Batteries for Solar photo Voltaic application	Cycye Endurance in photovoltaic application	Cl 8.4 of IS 16270
86	ELECTRICAL- CELLS & BATTERIES	Secondary cells & Batteries for Solar photo Voltaic application	Endurance test	Cl 8.2 of IS 16270
87	ELECTRICAL- CELLS & BATTERIES	Secondary cells & Batteries for Solar photo Voltaic application	Sulphation Test	Cl 8.5 of IS 16270
88	ELECTRICAL- CELLS & BATTERIES	Secondary cells & Batteries for Solar photo Voltaic application	Water loss Test	Cl 8.6 of IS 16270
89	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery (upto 220AH)	Checking of dimensions as per manufacture drawing	JIS C 8702-2:
90	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	Gas emission intensity test (Up to 220Ah)	Cl No.7.9 of JIS C 8702-1:
91	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	High rate discharge characteristics (Up to 220Ah)	Cl No.7.2 of JIS C8702-1:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
92	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	High rate discharge characteristics (Up to 220Ah)	Cl No.7.2 of JIS C8702-1:
93	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	High rate discharge characteristics (Up to 220Ah)	Cl No.7.2 of JIS C8702-1:
94	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	Liquid Leakage Resistance Characteristics (Up to 220Ah)	Cl No.7.10.2 of JIS C 8702-1:
95	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	Requirement for indication of precuation for user	Cl 5 of JIS 8702-3
96	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	Requirements for installation & design when battery is installed on appliance by engineer	Cl 4 of JIS 8702-3
97	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	Shock resistance characteristics (Up to 220Ah)	Cl No.7.12 of JIS C 8702-1:
98	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	Storage Characteristics (Up to 220Ah)	Cl No.7.4 of JIS C 8702-1:
99	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	Storage Characteristics (Up to 220Ah)	Cl No.7.4 of JIS C 8702-1:
100	ELECTRICAL- CELLS & BATTERIES	small size valve regulated lead acid battery	Vibration resistance testing (Up to 220Ah)	Cl No.7.11 of JIS C 8702-1:
101	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Endurance Life Cycle Test (Up to 220 A)	Cl. No. 7.3 of JIS C 8702-1:2009, Cl No.12.10 of IS 15549:
102	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Endurance Life Cycle Test (Up to 220 A)	Cl. No. 7.3 of JIS C 8702-1:2009, Cl No.12.10 of IS 15549:
103	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Endurance Life Cycle Test (Up to 220 A)	Cl. No. 7.3 of JIS C 8702-1:2009, Cl No.12.10 of IS 15549:
104	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 1 capacity and voltage during discharge (Up to 220Ah)	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.2 of IS 15549:
105	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 1 capacity and voltage during discharge (Up to 220Ah)	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.2 of IS 15549:
106	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 1 capacity and voltage during (upto 220AH) discharge	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.2 of IS 15549:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
107	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 1 capacity and voltage during discharge (Up to 200Ah)	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.2 of IS 15549:
108	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 1 capacity and voltage during discharge (Up to 220Ah)	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.2 of IS 15549:
109	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 1 capacity and voltage during discharge (Up to 220Ah)	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.2 of IS 15549:
110	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 10 capacity and voltage during discharge Test for C 20 capacity and voltage during discharge (Up to 220Ah)	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.1 of IS 15549:
111	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 10 capacity and voltage during discharge ,Test for C 20 capacity and voltage during discharge (Up to 220Ah)	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.1 of IS 15549:
112	ELECTRICAL- CELLS & BATTERIES	small size/stationary valve regulated lead acid battery	Test for C 10 capacity and voltage during discharge Test for C 20 capacity and voltage during discharge (Up to 220Ah)	Cl. No. 7.1of JIS C 8702-1:2009, Cl No.12.1 of IS 15549:
113	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Capacity Test (Up to 220Ah)	Cl 11.5 of IS 13369:
114	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Capacity Test (Up to 220Ah)	Cl 11.5 of IS :13369:
115	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Capacity Test (Up to 220Ah)	Cl 11.5 of IS 13369:
116	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Endurance Test (Up to 220Ah)	Cl no.11.7 of IS 13369:
117	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Endurance Test (Up to 220Ah)	Cl no.11.7 of IS 13369:
118	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Endurance Test (Up to 220Ah)	Cl no.11.7 of IS 13369:
119	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Equilibrium float current test (Up to 220Ah)	Cl no.11.10 of IS 13369:
120	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Equilibrium float current test (Up to 220Ah)	Cl no.11.10 of IS 13369:
121	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Test for Ah and Wh efficiencies (Up to 220Ah)	Cl 11.8 of IS 13369:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
122	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Test for Ah and Wh efficiencies (Up to 220Ah)	Cl 11.8 of IS 13369:
123	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Test for Ah and Wh efficiencies (Up to 220Ah)	Cl 11.8 of IS 13369:
124	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Test for loss of capacity on storage (Up to 220Ah)	Cl 11.6 of IS 13369:
125	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Test for loss of capacity on storage (Up to 220Ah)	Cl 11.6 of IS 13369:
126	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Test for loss of capacity on storage (Up to 220Ah)	Cl 11.6 of IS 13369:
127	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Verification of Marking and Packing	Cl 11.3 of IS :13369:
128	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Verification of Construction Requirement	Cl 11.2 of IS :13369:
129	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Verification of Dimensions	Cl 11.4 of IS :13369:
130	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Water loss test (Up to 220Ah)	Cl no.11.7 of IS 13369:
131	ELECTRICAL- CELLS & BATTERIES	Stationary lead Acid Batteries (Tubular positive Plates) in mono block container	Water loss test (Up to 220Ah)	Cl no.11.7 of IS 13369:
132	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Acid retention capability test on separators	IS 15549 Cl .no. 12..7
133	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Ah and Wh Efficiencies	Cl No.12.4 &12.5 of IS 15549:
134	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Ah and Wh Efficiencies (Upto 200 Ah	Cl No.12.4 &12.5 of IS 15549:
135	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Ah and Wh Efficiencies (Upto 200 Ah)	Cl No.12.4 &12.5 of IS 15549:
136	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Charge Retention Test	Cl 12.6 of IS 15549
137	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Charge retention test (Upto 200 Ah)	IS 15549 Cl. no. 12.6
138	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Charge retention test (Upto 220 Ah)	IS 15549 Cl. no 12.6
139	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Charge retention test (Upto 220 Ah)	IS 15549 Cl. no. 12.6
140	ELECTRICAL- CELLS & BATTERIES	Stationary Valve Regulated Lead Acid Batteries	Visual Examination	JIS C 8702-2:2009, Cl No.4.1 to 4.9 & 8.1 of IS 15549:

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141	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Rice Cooker, Electrical Kettles & jug, & coffee maker, egg boiler, cooking Pans,feeding bottle heater,	Classification	(Cl.6) IS:302-2-15
142	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Induction hobs, grills & griddles, steam oven	Classification	(Cl.6) IS:302-2-6
143	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Induction hobs, grills & griddles, steam oven	Components	(Cl.24) IS:302-2-6
144	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Degree of Protection Provided by Enclosures	IS/IEC:60529
145	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Degree of Protection Test Provided by enclosures	BS/EN:60529
146	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Degrees of Protection Provided by enclosures for electrical equipment against external mechanical impacts(IK Code)	IEC:62262
147	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Drop Test	IEC 62262
148	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Drop Test	JSS 55555 Test No. 13
149	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Cold Test	IEC 60068-2-1
150	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Cold Test	IS:9000(Part II Sec 1 to 4)
151	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Cold Test	QM 333 (Test No. 1)
152	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Composite Temperature/Humidity Cyclic Test	IS:9000(Part VI)
153	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Constant High Humidity Test	JASO D 001: Clause No. 5.19
154	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Damp Heat (Steady State)	IS:9000 (Part 4)

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155	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Damp Heat (Steady State)	IEC 60068-2-78
156	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Damp Heat (Steady State)	QM 333: Test No. 5
157	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Damp Heat Test	JSS 55555: Test No.10
158	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Damp Heat, Steady-State	ISO 16750-4: Clause No. 5.7
159	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Degree of Protection provided by Enclosures	IEC:60529:1889+Amd1:1 999+Amd2
160	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Drop Test	QM 333: Test No. 10
161	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Dust Test	IS:9000(XII)
162	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Dust Test	JSS 55555: Test No. 14
163	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Dust Test	QM: 333: Test No. 15
164	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Dustproof	Cl 4.9 of JIS D 5500
165	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Fall Test	QM 333: Test No. 12
166	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Free Fall Test	ISO 16750-3: Clause No. 4.3
167	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Heat Cycle Test	JASO D 001: Clause No. 5.16
168	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	High Temperature Test	JASO D 001: Clause No. 5.14 and 5.15

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169	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Ingress Protection Test	ISO 20653
170	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Low Temperature Test	t JSS 55555: Test No. 20
171	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Rapid Temperature Cyclic Test	QM 333: Test No. 4
172	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Rapid Temperature Cycling	JSS 55555: Test No. 22
173	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Resistance to aging, to humidity condition, to ingress of solid objects and to harmful ingress of water	IS 14772 (Cl 12.3)
174	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Temperature and humidity cycle test	JASO D 001: Clause No. 5.18
175	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Thermal Cycling (Change of temperature with specified rate)	IEC 60068-2-14
176	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Thermal Cycling (Change of temperature with specified rate)	ISO 16750-4: Clause No. 5.3
177	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Thermal Shock (Rapid change of temperature with prescribed time of transfer)	IS 9000 (Part 14/Sec 1)
178	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Thermal Shock (Rapid change of temperature with prescribed time of transfer)	IEC 60068-2-14
179	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Thermal Shock (Rapid change of temperature with prescribed time of transfer)	JASO D 001: Clause No. 5.17
180	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Topple Test	QM 333: Test No. 11
181	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Toppling Test	JSS 55555: Test No. 26

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182	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Tropical Exposure Test	JSS 55555: Test No. 27
183	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Vibration Sine, Random, Resonance	IEC 60068-2-6
184	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Vibration Sine, Random, Resonance	IS 9000 (Part VIII)
185	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Vibration Sine, Random, Resonance	JIS D 1601
186	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Vibration Sine, Random, Resonance	JSS:55555
187	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Vibration Test	IEC 60068-2-64
188	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Vibration Test	ISO 16750-3: Clause No. 4
189	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Vibration Test	QM 333: Test No. 6
190	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment	Water Immersion	QM 333: Test No. 8
191	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	cold Test	IEC 60571
192	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Cold test	JSS 55555
193	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Drop & Topple Free Fall	IS 9000 part 7 (Sec 3 & 4)
194	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Hammer Test	IS 60068-2-75
195	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Heat Resistance	JIS D 5500 (cl-4.6)

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196	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Humidity Test	JASO D 001 (cl-5.19)
197	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Insulating Property	Cl 4.11 of JIS D 5500
198	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Low Temperature	JASO D 001 (cl-5.12)
199	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Reflection Property	Cl 4.13 of JIS D 5500
200	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Resistance of lens made of synthetic resin to weather	JIS D 5500 (cl-4.5)
201	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Temperature & Cycle Test	JASO D 001 (cl-5.18)
202	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Temperature Cycle Test	JASO D 001 (cl-5.16)
203	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Thermal Resistance	JASO D 001 (cl-5.17)
204	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Thermal Shock Test	JASO D 001 (cl-5.17)
205	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Vibration Resistance	JIS D 5500 (cl-4.7)
206	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	vibration test	IEC 60068-2-6
207	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	Vibration Test	IEC 60571-2012, IEC 61373
208	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and electronic product, Electronic and electrical equipment,	vibration test	IS 9000 part 8
209	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Resistance to Heat Fire and Tracking	Cl no. 18 of IS 16103 (Part 1):

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210	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c.OR a.c. Supplied Electronic Control Gear for LED Lamps Modules	Endurance Test Switching Cycle	(Cl no. 13) of IS 16104
211	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c.OR a.c. Supplied Electronic Control Gear for LED Lamps Modules	Input Power	Cl no. 8 of IS 16104:
212	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c.OR a.c. Supplied Electronic Control Gear for LED Lamps Modules	Marking	Cl 6 of IS 16104
213	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c.OR a.c. Supplied Electronic Control Gear for LED Lamps Modules	Output Current	Cl no. 7.2 of IS 16104:
214	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c.OR a.c. Supplied Electronic Control Gear for LED Lamps Modules	Output Voltage	Cl no. 7.2 of IS 16104
215	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c.OR a.c. Supplied Electronic Control Gear for LED Lamps Modules	Output Voltage	Cl no. 7.2 of IS 16104:
216	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c.OR a.c. Supplied Electronic Control Gear for LED Lamps Modules	Power Factor	Cl no. 9 of IS 16104:
217	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c.OR a.c. Supplied Electronic Control Gear for LED Lamps Modules	Supply Current	Cl no. 10 of IS 16104:
218	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Creepage Distance and Clearances	Cl No.8 of IS 10322 (Part 5/Sec 1):
219	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Endurance Test and Thermal Test	Cl no.13 of IS 10322 (Part 5/Sec 1):
220	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	External & internal wiring	Cl 11 of IS 10322 part5/sec 1
221	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Insulation Resistance & Electric Strength Test	Cl no.15 of IS 10322 (Part 5/Sec 1):
222	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Insulation Resistance & Electric Strength Test	Cl no.15 of IS 10322 (Part 5/Sec 1):
223	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Marking	Cl No.6 of IS 10322 (Part 5/Sec 1):

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224	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Protection against electrical shock	Cl no. 12 of IS 10322 (Part 5/Sec 1):
225	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Provision for earthing	Cl no.9 of IS 10322 (Part 5/Sec 1):
226	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Resistance to dust and moisture (IP Test)	Cl no.14 of IS 10322 (Part 5/Sec 1):
227	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 1):
228	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 1):
229	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	fixed general purpose luminaires	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 1):
230	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	construction	cl 7 of IS 10322 part5/sec 1
231	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	External & Internal Wiring	Cl 9 of IS 10322 (part5/Sec 1)
232	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	Terminals	Cl10 of IS 10322 Part 5/sec 1
233	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to dust and Moisture (IP Test)	Cl No.14 of IS 10322 (Part 5/Sec 5):
234	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Construction	Cl No.7of IS 10322 (Part 5/Sec 5):
235	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Creepage Distance and Clearances	Cl No.8 of IS 10322 (Part 5/Sec 5):
236	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Endurance Test and Thermal Test	Cl No.13 of IS 10322 (Part 5/Sec 5):
237	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Insulation Resistance & Electric Strength Test	Cl No.15 of IS 10322 (Part 5/Sec 5):

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238	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Insulation Resistance & Electric Strength Test	Cl No.15 of IS 10322 (Part 5/Sec 5):
239	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Marking	Cl No.6 of IS 10322 (Part 5/Sec 5):
240	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Mechanical Strength Test	Cl No.13.3 of IS 10322 (Part 5/Sec 5):
241	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Protection against electrical shock	Cl No.12 of IS 10322 (Part 5/Sec 5):
242	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Provision for earthing	Cl No.9 of IS 10322 (Part 5/Sec 5):
243	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to heat, Fire & Tracking	Cl No.16 of IS 10322 (Part 5/Sec 5):
244	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to heat, Fire & Tracking	Cl No.16 of IS 10322 (Part 5/Sec 5):
245	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to heat, Fire & Tracking	Cl No.16 of IS 10322 (Part 5/Sec 5):
246	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	General purpose luminaries	Screwless terminals and electrical Connections	Cl No.15 of IS 10322 (Part I)
247	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Construction	Cl 7 of IS 10322 Part 5/sec6
248	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Construction (Impact test)	Cl No.7.6.2 of IS 10322 (Part 5/Sec 6):
249	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Creepage Distance & Clearances	Cl No 8 of IS 10322 Part 5/sec 6
250	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Endurance Test & Thermal test	Cl 13 of IS 10322 Part 5/sec6
251	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Heat Fire & Tracking	Cl 16 of IS 10322 Part 5/sec6

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252	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Insulation Resistance & Electric Strength	Cl 15 of IS 10322 Part 5/sec6
253	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Insulation Resistance & Electric Strength	Cl 15 of IS 10322 Part 5/sec6
254	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Marking	Cl 6 of IS 10322 Part 5/sec6
255	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Protection Against Electric shock	Cl 12 of IS 10322 Part 5/sec6
256	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Provision For Earthing	Cl 9 of IS 10322 Part 5/sec6
257	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Resistance To Dust & Moisture	Cl 14 of IS 10322 Part 5/sec6
258	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Resistance to Heat Fire & Tracking	Cl 16 of IS 10322 Part 5/sec6
259	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Terminals	Cl 16 of IS 10322 Part 5/sec6
260	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Construction	Cl 16 of IS 15885 (Part 2/Sec 13):
261	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Creepage Distances and Clearances	Cl 17 of IS 15885 (Part 2/Sec 13):
262	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Creepage Distances and Clearances	Cl 17 of IS 15885 (Part 2/Sec 13):
263	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Electric strength	Cl 12 of IS 15885 (Part 2/Sec 13):
264	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Electric strength	Cl 12 of IS 15885 (Part 2/Sec 13):
265	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Fault Condition	Cl 14 of IS 15885 (Part 2/Sec 13):

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
266	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Marking	Cl 7 of IS 15885 (Part 2/Sec 13):
267	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Moisture Resistance	Cl 11 of IS 15885 (Part 2/Sec 13):
268	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Moisture Resistance	Cl 11 of IS 15885 (Part 2/Sec 13):
269	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Protection against Accidental Contact With Live Parts	Cl 8 of IS 15885 (Part 2/Sec 13):
270	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Protection against Accidental Contact With Live Parts	Cl 8 of IS 15885 (Part 2/Sec 13):
271	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Provision For Protective Earthing	Cl 10 of IS 15885 (Part 2/Sec 13):
272	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Provision For Protective Earthing	Cl 10 of IS 15885 (Part 2/Sec 13):
273	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Heat,Fire & Tracking	Cl 19 of IS 15885 (Part 2/ Sec 13):
274	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Heat,Fire & Tracking	Cl 19 of IS 15885 (Part 2/ Sec 13):
275	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Heat,Fire & Tracking	Cl 19 of IS 15885 (Part 2/ Sec 13):
276	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Heat,Fire & Tracking	Cl 19 of IS 15885 (Part 2/ Sec 13):
277	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Corrosion	Cl 20 of IS 15885 (Part 2/ Sec 13):
278	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Screws,Current- Carrying parts and Connections	Cl 18 of IS 15885 (Part 2/Sec 13):
279	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Screws,Current- Carrying parts and Connections	Cl 18 of IS 15885 (Part 2/Sec 13): 2012

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
280	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Terminals	Cl 9 of IS 15885 (Part 2/Sec 13):
281	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Terminals	Cl 9 of IS 15885 (Part 2/Sec 13):
282	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Thermal Endurance Test for winding of Ballast	cl 13 of IS 15585part2/sec13
283	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Transformer Heating	Cl 15 of IS 15885 (Part 2/Sec 13):
284	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Transformer Heating	Cl 15 of IS 15885 (Part 2/Sec 13):
285	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Classification	Cl no. 6 of IS 16103 (Part 1):
286	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Construction	Cl no. 15 of IS 16103 (Part 1):
287	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Creepage Distance and Clearances	Cl no. 16 of IS 16103 (Part 1):
288	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Dimension	Cl 5 of IS 16103(Part 2):
289	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Electric Strength	Cl no. 12 of IS 16103 (Part 1):
290	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Fault Condition	Cl no. 13 of IS 16103 (Part 1):
291	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Marking	Cl 4 of IS 16103(Part 2):
292	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Marking	Cl no. 7 of IS 16103 (Part 1):
293	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Module Power	Cl 7 of IS 16103 (Part 2):

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294	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Moisture Resistance and Insulation	Cl no. 11 of IS 16103 (Part 1):
295	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Protection against accidental contact with Live part	Cl no. 10 of IS 16103 (Part 1):
296	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Provision for Protective Earthing	Cl no. 9 of IS 16103 (Part 1):
297	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Resistance to corrosion	Cl no. 19of IS 16103 (Part 1):
298	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Resistance to Heat Fire and Tracking	Cl no. 18 of IS 16103 (Part 1):
299	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Resistance to Heat Fire and Tracking	Cl no. 18 of IS 16103 (Part 1):
300	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Screws, Current carrying parts and Connections	Cl no. 17 of IS 16103 (Part 1):
301	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED MODULES FOR GENERAL LIGHTING	Terminal	Cl no. 8 of IS 16103 (Part 1):
302	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for general Lighting	Total Input Power	Cl no. 7 of IS 16107 (Part 2/sec 2):
303	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Led Street Light Luminaire	Surge Protection	Cl 14 of Is 16107 (part2/sec2)
304	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Led Street Light Luminaire	Harmonics	Cl 13 of Is 16107 Part 2/sec2
305	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Led Street Light Luminaire	Reverse Polarity	Cl 15 of IS 16107 Part 2/sec2
306	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Led Street Light Luminaire	Total Input Power	Cl 7 of IS 16107(Prt2/serc2)
307	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Led Street Light Luminaires	power factor	Cl 12 of IS 16107 part 2/sec2

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308	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Marking	Cl. 20.6) IS 10322-5-7
309	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Protection Against Electric Shock	Cl. 20.12) IS 10322-5-7
310	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Protection against Electric shock	Cl. 20.12)IEC 60598-2-20
311	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Provision for Earthing	(Cl. 20.9)IEC 60598-2-20
312	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Provision for Earthing	(Cl. 20.9) IS 10322-5-7
313	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Resistance to Dust & resistance to moisture	(Cl. 20.14)IEC 60598-2-20
314	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Resistance to Dust and Moisture	Cl. 20.14) IS 10322-5-7
315	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Resistance to Heat, Fire & Tracking	Cl. 20.16)IEC 60598-2-20
316	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Resistance to Heat, Fire and Tracking	Cl. 20.16) IS 10322-5-7
317	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Terminals	Cl. 20.10) IS 10322-5-7
318	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Terminals	Cl. 20.10)IEC 60598-2-20
319	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Verification of Construction	(Cl. 20.7)IEC 60598-2-20
320	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Verification of Construction	Cl. 20.7)IS 10322-5-7
321	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Verification of Marking	Cl. 20.6)IEC 60598-2-20

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322	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Creepage Disatance and Clearances	Cl.20.8 IEC 60598-2-20
323	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Creepage Distance & Clearance	Cl.20.8 IS 10322-5-7
324	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Endurance tests and thermaltests	Cl.20.13 IEC 60598-2-20
325	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Endurance tests and thermaltests	Cl.20.13 IS 10322-5-7
326	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Externak and Internal wiring	Cl.20.11 IEC 60598-2-20
327	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	External and Internal Wiring	Cl. 20.11 IS 10322-5-7
328	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Insulation Resistance and Electric Strength	Cl. 20.15 IEC 60598-2-20
329	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Insulation resistance and electric strength	Cl.20.15 10322-5-7
330	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Insulation resistance and electric strength	Cl.20.15 IS 10322-5-7
331	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Protection Against Electric Shock	Cl No.8 of IS 10322 (Part I):
332	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to dust, solid objects & moisture	Cl No.9 of IS 10322 (Part I):
333	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to Heat Fire & Tracking	Cl No.13 of IS 10322 (Part I):
334	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Construction	Cl No.4 of IS 10322 (Part I):
335	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Cree page Distance and Clearances	Cl No.11 of IS 10322 (Part I):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
336	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Endurance Tests & Thermal Test	Cl No.12 of IS 10322 (Part I):
337	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	External and Internal Wiring	Cl No.5 of IS 10322 (Part I):
338	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Insulation Resistance & Electric Strength Tests	Cl No.10 of IS 10322 (Part I):
339	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Insulation Resistance and Electric Strength	Cl No.10 of IS 10322 (Part I):
340	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Marking	Cl No. 3 of IS 10322 (Part I):
341	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Provision for Earthing	Cl No.7 of IS 10322 (Part I):
342	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to dust, Solid objects and Moisture	Cl No.9 of IS 10322 (Part I):
343	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to heat, Fire & Tracking	Cl No.13 of IS 10322 (Part I):
344	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to heat, Fire & Tracking	Cl No.13 of IS 10322 (Part I):
345	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to heat, Fire & Tracking	Cl No.13 of IS 10322 (Part I):
346	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Screw Terminals	Cl No.14 of IS 10322 (Part I):
347	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Screw Terminals	Cl No.14 of IS 10322 (Part I):
348	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Classification of Luminaries	(Cl.22.5) IEC 60598-2-22+A1
349	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Classification of Luminaries	(Cl.5) IS 10322 (Part- 5/sec8)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
350	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Creepage Distance and Clearance	(Cl.22.8) IEC 60598-2-22+A1
351	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Creepage Distance and Clearance	(Cl.8) IS 10322 (Part- 5/sec8)
352	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Endurance Test and Thermal Test	(Cl.13) IS 10322 (Part- 5/sec8)
353	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Endurance Test and Thermal Test	(Cl.22.13) IEC 60598-2-22+A1
354	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	External and Internal Wiring	(Cl.11) IS 10322 (Part- 5/sec8)
355	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	External and Internal Wiring	(Cl.22.11) IEC 60598-2-22+A1
356	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Insulation Resistance and Electric Strength	(Cl.15) IS 10322 (Part- 5/sec8)
357	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Insulation Resistance and Electric Strength	(Cl.22.15) IEC 60598-2-22+A1
358	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Marking	(Cl.22.6) IEC 60598-2-22+A1
359	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Marking	(Cl.6) IS 10322 (Part- 5/sec8)
360	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Protection Against Electric Shock	(Cl.12) IS 10322 (Part- 5/sec8)
361	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Protection Against Electric Shock	(Cl.22.12) IEC 60598-2-22+A1
362	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Provision for Earthing	(Cl.22.9) IEC 60598-2-22+A1
363	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Provision for Earthing	(Cl.9) IS 10322 (Part- 5/sec8)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
364	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Resistance to dust and moisture	(Cl.14) IS 10322 (Part- 5/sec8)
365	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Resistance to dust and moisture	(Cl.22.14) IEC 60598-2-22+A1
366	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Resistance to Heat, Fire and Tracking	(Cl.16) IS 10322 (Part- 5/sec8)
367	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Resistance to Heat, Fire and Tracking	(Cl.22.16) IEC 60598-2-22+A1
368	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Terminals	(Cl.10) IS 10322 (Part- 5/sec8)
369	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for emergency lighting	Terminals	(Cl.22.10) IEC 60598-2-22+A1
370	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries	Screwless Terminals & Electrical Connections	Cl 15 of IS 10322 Part 1
371	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Construction	Cl 7 of IS 10322 Part5/sec 3
372	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Construction	Cl.No. 7 of IS 10322 (Part 5/Sec 3):
373	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Creepage Distance and Clearances	Cl No.8 of IS 10322 (Part 5/Sec 3):
374	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Endurance Test & Thermal Test	Cl No.13 of IS 10322 (Part 5/Sec 3):
375	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	External & Internal Wiring	Cl 11 0f IS 10322 part 5/sec 3
376	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Insulation Resistance & Electric Strength Test	Cl No.15 of IS 10322 (Part 5/Sec 3):
377	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Insulation Resistance & Electric Strength Test	Cl No.15 of IS 10322 (Part 5/Sec 3):

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378	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Marking	Cl No.6 of IS 10322 (Part 5/Sec 3):
379	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Protection against electrical shock	Cl No.12 of IS 10322 (Part 5/Sec 3):
380	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Provision for earthing	Cl No.9 of IS 10322 (Part 5/Sec 3):
381	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Resistance to dust and moisture (IP Test)	Cl No.14 of IS 10322 (Part 5/Sec 3):
382	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Resistance to heat, fire & tracking	Cl No.16 of IS 10322 (Part 5/Sec 3):
383	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Resistance to heat, fire & tracking	Cl No.16 of IS 10322 (Part 5/Sec 3):
384	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Resistance to heat, fire & tracking	Cl No.16 of IS 10322 (Part 5/Sec 3):
385	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaries for Road & Street Light	Terminals	Cl 10 of IS 10322 part 5/sec 3
386	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Creepage distance and Clearances	Cl No.8 of IS 10322 (Part 5/Sec 2):
387	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Endurance Test and Thermal Test	Cl no.13 of IS 10322 (Part 5/Sec 2):
388	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Insulation Resistance & Electric Strength Test	Cl no.15 of IS 10322 (Part 5/Sec 2):
389	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Insulation Resistance & Electric Strength Test	Cl no.15 of IS 10322 (Part 5/Sec 2):
390	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	marking	Cl No.6 of IS 10322 (Part 5/Sec 2):
391	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Protection against electrical shock	Cl no. 12 of IS 10322 (Part 5/Sec 2):

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392	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Provision for earthing	Cl no.9 of IS 10322 (Part 5/Sec 2):
393	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Resistance to dust and moisture (IP Test)	Cl no.14 of IS 10322(part5/sec2)
394	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 2):
395	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 2):
396	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 2):
397	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	construction	Cl 7 of IS 10322 part5/sec2
398	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	External & Internal Wiring	Cl 11 of IS 10322 Part5/sec 2
399	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Terminals	Cl 10 of IS 10322 part5/sec2
400	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Construction	(Cl. 21.7) IEC 60598-2-21
401	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Creepage distances and clearances	(Cl. 21.8) IS 10322-5-9
402	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Endurance tests and thermal tests	(Cl.21.13) IS 10322-5-9
403	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	External and internal wiring	(Cl. 21.11) IS 10322-5-9
404	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Insulation resistance and electric strength	(Cl. 21.15)IS 10322-5-9 : 2017, IEC 60598-2-21
405	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Protection against electric shock	Cl. 21.12) IS 10322-5-9 : 2017, IEC 60598-2-21

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406	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Provisions for earthing	(Cl. 21.9)IS 10322-5-9 : 2017, IEC 60598-2-2
407	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Resistance to dust, solid objects and moisture	(Cl. 21.14) IS 10322-5-9 : 2017, IEC 60598-2-21
408	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Terminals	(Cl. 21.10) IEC 60598-2-21
409	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Verification of Marking	(Cl. 21.6) IS 10322-5-9
410	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Construction	(Cl. 21.7) IS 10322-5-9
411	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Creepage distances and clearances	(Cl.21.8) IEC 60598-2-21
412	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Endurance tests and thermal tests	(Cl. 21.13) IEC 60598-2-21
413	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	External and internal wiring	(Cl. 21.11) IEC 60598-2-21
414	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	requirement for interconnections	Annexure A of IS 10322-5-9
415	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Requirement of interconnections	Annexure A of IEC 60598-2-21
416	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Resistance to heat, fire and tracking	(Cl. 21.16) IEC 60598-2-21
417	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Resistance to heat, fire and tracking	(Cl. 21.16) IS 10322-5-9
418	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Lights	Terminals	(Cl. 21.10) IS 10322-5-9
419	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Cap Temperature Rise	Cl No 10 of IS 16102(Part-1):2012, IEC 62560:

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420	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Cap Temperature Rise	Cl No 10 of IS 16102(Part-1):2012, IEC 62560:
421	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self Ballasted LED Lamp	Creepage Distance & Clearances Test	Cl No 14 of IS 16102(Part-1):2012, IEC 62560:
422	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Creepage Distance & Clearances Test	Cl No 14 of IS 16102(Part-1):2012, IEC 62560:
423	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Dimension	Cl no. 6 of IS 16102 (Part 2):
424	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Fault Condition	Cl No 13 of IS 16102(Part-1):2017, IEC 62560:
425	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Harmonics and Power Factor	Clause.8.2 & 8.3 of IS 16102(Part-2)):
426	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Insulation Resistance and Electric strength after humidity treatment	Cl No 8 of IS 16102(Part-1):2012, IEC 62560:
427	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Insulation Resistance and Electric strength after humidity treatment	Cl No 8 of IS 16102(Part-1):2012, IEC 62560:
428	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Interchangeability	Cl No 6 of IS 16102(Part-1):2012, IEC 62560:
429	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Interchangeability	Cl No 6 of IS 16102(Part-1):2012, IEC 62560:
430	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Lamp Life (Lumen Maintenance Endurance Test for Built-in Electronic Ballast)	IS 16102-2:1012 Clause. 13, IS 16102- 2:2012 Clause.13.1, Clause.13.2 of IS 16102-2:
431	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Lamp Power	Cl no. 8 of IS 16102 (Part 2):
432	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Lamp Power	Cl no. 8.2 of IS 16102 (Part 2):
433	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Marking	Cl No 5 of IS 16102(Part-1):2012, IEC 62560:

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434	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Marking	Cl No 5 of IS 16102(Part-2)
435	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Mechanical Strength	Cl No 9 of IS 16102(Part-1):2012, IEC 62560:
436	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Protection Against Accidental Contact With Live Part	Cl No 7 of IS 16102(Part-1):2012, IEC 62560:
437	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Resistance to Flame and Ignition	Cl No 12 of IS 16102(Part-1):2012, IEC 62560:
438	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Resistance to Flame and Ignition	Cl No 12 of IS 16102(Part-1):2012, IEC 62560:
439	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Resistance to heat with ball pressure test equipment	Cl No 11 of IS 16102(Part-1):2012, IEC 62560:
440	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self ballasted LED Lamp	Resistance to heat with ball pressure test equipment	Cl No 11 of IS 16102(Part-1):2012, IEC 62560:
441	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamp	Insulation Resistance and electric strength after Humidity Test	(Cl.8) of IS:16102-1
442	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Clearances and Creepage Distances	(Cl.13) IS 616
443	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Clearances and Creepage Distances	(Cl.13) of IEC 60065
444	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Component	(Cl.15) IEC 60065
445	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Component	Cl 14 of IS 616
446	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Constructional Requirements with regard to protection Against Electric Shock	(Cl.8) IEC 60065
447	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Constructional Requirements with regard to protection Against Electric Shock	(Cl.8) IS 616
448	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Electrical connections & mechanical fixing	(Cl.17) IEC 60065

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449	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Electrical connections & mechanical fixing	(Cl.17) IS 616
450	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	External Flexible cord	Cl 16 of IEC 60065
451	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	External Flexible cord	Cl 16 of IS 616
452	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Fault Conditions	(Cl.11) IEC 60065
453	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Fault Conditions	(Cl.11) IS 616
454	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Heating Under normal operating Condition	(Cl.7) IEC 60065
455	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Heating Under normal operating Condition	(Cl.7) IS 616
456	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Insulation Requirements	(Cl.10) IEC 60065
457	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Insulation Requirements	(Cl.10) IS 616
458	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Marking & Instructions	(Cl.5.) IEC 60065
459	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Marking & Instructions	(Cl.5.) IS 616
460	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Mechanical Strength	(Cl.12) IEC 60065
461	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Mechanical Strength	(Cl.12) IS 616
462	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Stability & mechanical hazards	(Cl.19) IEC 60065
463	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Stability & mechanical hazards	(Cl.19) IS 616
464	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Terminals	(Cl.15) IEC 60065
465	ELECTRONICS- AUDIO EQUIPMENT	Audio & Video Electronics Apparatus	Terminals	(Cl.15) IS 616
466	ELECTRONICS- EMC TEST FACILITY	Electronics & electrical Products	Electrostatic Discharge Immunity Test	IEC 61000-4-2:

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467	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Abnormal operating and fault conditions	(Cl.5.3) IEC 60950-1+A1+A2
468	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Clearances, creepage distances and distances through insulation	(Cl.2.10) IEC 60950-1+A1+A22
469	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Components	(Cl.1.5) IEC 60950-1+A1+A2

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470	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Components	(Cl.1.5) IS 13252-1+A1+A2
471	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Connection to a main supply	(Cl.3.2) IEC 60950-1+A1+A2
472	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Connection to a main supply	(Cl.3.2) IS 13252-1+A1+A2

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473	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Disconnection from the mains supply	(Cl.3.4) IS 13252-1+A1+A2
474	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Disconnection from the mains supply	(Cl.3.4) IEC 60950-1+A1+A2
475	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Electric strength	(Cl.5.2) IEC 60950-1+A1+A2

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476	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Electric strength	(Cl.5.2) IS 13252-1+A1+A2
477	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Electrical Insulation	(Cl.2.9) IEC 60950-1+A1+A2
478	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Electrical Insulation	(Cl.2.9) IS 13252-1+A1+A2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
479	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Household and home/office document/media	(Annex EE) IS 13252-1+A1+A2
480	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Insulation between primary circuits and cable distribution systems	(Cl.7.4) IEC 60950-1+A1+A2
481	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Insulation between primary circuits and cable distribution systems	(Cl.7.4) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
482	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Interconnection of equipment	(Cl.3.5) IEC 60950-1+A1+A2
483	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Interconnection of equipment	(Cl.3.5) IS 13252-1+A1+A2
484	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Limited current circuits	(Cl.2.4) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
485	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Limited current circuits	(Cl.2.4) IS 13252-1+A1+A2
486	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	limited power sources	(Cl.2.5) IEC 60950-1+A1+A2
487	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	limited power sources	(Cl.2.5) IS 13252-1+A1+A2

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Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
488	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Limits of TNV circuits	(Cl.2.3) IEC 60950-1+A1+A2
489	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Limits of TNV circuits	(Cl.2.3) IS 13252-1+A1+A2
490	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Marking & Instruction, Inadvertent reactivation, Disconnection of power to hazardous moving parts, protection against hazardous moving part	(Annex EE) IEC 60950-1+A1+A2

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Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
491	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Marking and instructions	(Cl. 1.7) IEC 60950-1+A1+A2
492	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Marking and instructions	(Cl. 1.7) IS 13252-1+A1+A2
493	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Mechanical Strength	(Cl.4.2) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
494	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Motor tests under abnormal conditions	(Annex B) IEC 60950-1+A1+A2
495	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Motor tests under abnormal conditions	(Annex B) IS 13252-1+A1+A2
496	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Overcurrent and earth fault protection in primary circuits	(Cl.2.7) IEC 60950-1+A1+A2

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Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
497	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Overcurrent and earth fault protection in primary circuits	(Cl.2.7) IS 13252-1+A1+A2
498	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Power interface	(Cl. 1.6) IEC 60950-1+A1+A2
499	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Power interface	(Cl. 1.6) IS 13252-1+A1+A2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
500	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Power Interface	Cl No. 1.6 of IEC 60950-1
501	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection against hazardous moving parts	(Cl. 4.4) IEC 60950-1+A1+A2
502	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection against hazardous moving parts	(Cl. 4.4) IS 13252-1+A1+A2

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Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
503	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection from Electric shock and energy hazards	(Cl.2.1) IEC 60950-1+A1+A2
504	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection from Electric shock and energy hazards	(Cl.2.1) IS 13252-1+A1+A2
505	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of cable distribution system service person, and users of other equipment connected to the system, from hazardous voltages in the equipment	(Cl.7.2) IEC 60950-1+A1+A2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
506	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of cable distribution system service person, and users of other equipment Connected to the system, from hazardous voltages in the equipment	(Cl.7.2) IS 13252-1+A1+A2
507	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of equipment users from over voltages on the cable distribution system	(Cl.7.3) IEC 60950-1+A1+A2
508	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of equipment users from over voltages on the cable distribution system	(Cl.7.3) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
509	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of equipment users from over voltages on telecommunication networks	(Cl.6.2) IEC 60950-1+A1+A2
510	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of equipment users from over voltages on telecommunication networks	(Cl.6.2) IS 13252-1+A1+A2
511	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of the Telecommunication wiring system from overheating	(Cl.6.3) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
512	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	(Cl.6.1) IS 13252-1+A1+A2
513	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Provision for Earthing & Bonding	(Cl.2.6) IS 13252-1+A1+A2
514	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Requirements for the mounting means of rack-mounted equipment	(Annex DD) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
515	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Resistance to fire	(Cl.4.7) IS 13252-1+A1+A2
516	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Safety interlocks	(Cl.2.8) IS 13252-1+A1+A2
517	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	SELV circuits	(Cl. 2.2) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
518	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Stability	(Cl. 4.1) IS 13252-1+A1+A2
519	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Thermal Requirements	(Cl.4.5) IS 13252-1+A1+A2
520	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Transformers	(Annex C) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
521	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Wiring connections & supply	(Cl. 3.1) IS 13252-1+A1+A2
522	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	wiring terminal for connection of external conductors	(Cl. 3.3) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
523	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of the Telecommunication wiring system from overheating	(Cl.6.3) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
524	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	(Cl.6.1) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
525	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Provision for Earthing & Bonding	(Cl.2.6) IEC 60950-1+A1+A2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
526	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Requirements for the mounting means of rack-mounted equipment	(Annex DD) IEC 60950-1+A1+A2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
527	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Resistance to fire	(Cl.4.7) IEC 60950-1+A1+A2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
528	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Safety interlocks	(Cl.2.8) IEC 60950-1+A1+A2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
529	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	SELV circuits	(Cl. 2.2) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
530	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Stability	(Cl. 4.1) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
531	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Thermal Requirements	(Cl.4.5) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
532	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Transformers	(Annex C) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
533	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Wiring connections & supply	(Cl. 3.1) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
534	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	wiring terminal for connection of external conductors	(Cl. 3.3) IEC 60950-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
535	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines. Electrical Strength Cl No. 5.2 of IS 13252: 2010, IEC 60950-1: 2005 Others :0.1 kV to 5 kV 0.02 @ 5 kV PermanentFacility Obsv 707 Electronics IT Equipment Others Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines	Touch current & protective conductor current	(Cl.5.1) IEC 60950-1+A1+A2
536	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines.	Abnormal operating and fault conditions	(Cl.5.3) IS 13252-1+A1+A2

SCOPE OF ACCREDITATION

Laboratory Name :	VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
537	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines.	Clearances, creepage distances and distances through insulation	(Cl.2.10) IS 13252-1+A1+A2
538	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines.	Electrical Strength	Cl No. 5.2 of IS 13252: 2010, IEC 60950-1
539	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines.	Power Interface	Cl No. 1.6 of IS 13252

SCOPE OF ACCREDITATION

Laboratory Name : VARDHAMANA TESTING LABORATORY, PLOT NO-403, UDYOG KENDRA EXTN-II, ECOTECH-3, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
540	ELECTRONICS- IT EQUIPMENT	Personal Computer, Laptop, Notebook, Table power adapter for IT Equipment, Printer & Plotters, Laptop/Notebook/Tablets, Mall processing Machine/Postage Machines/Francking Machines, Mobile phones, scanners, Passport Reader,Moniter, Copying Machines/Duplicators, SMPS(48V max ouput)Point of sale Terminals, Power Bank, USB Type external Hard Disk Drive,USB Type external solid state storage device, Digital Camera, Iris scanner, USB driven Bar code reader/scanner automatic teller cash dispensing Machine ,Telephone answer machines, Smart Card reader, Key Board, mouse,Visual Display Unit, set Top Box, smart watch,CCTV camera / recorder,Cash Registers, Automatic Data Processing Machines.	Touch Current/Leakage Current	Cl No. 5.1 of IS 13252: 2010, IEC 60950-1
541	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	efficiency Calculations	Cl 5 of IEC 61683
542	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	Total Harmonic Distortion	Cl 7.11 of IS 13314
543	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	Visual Examination	Cl 7.5 of IS 13314:
544	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	efficiency	Cl 7.9.3 of IS13314:
545	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	Frequency	Cl 7.9.2 of IS 13314:
546	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	High Voltage Test	Cl 7.6 of IS 13314:
547	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	Insulation Resistance	Cl 7.7 of IS 13314:
548	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	Marking	Cl 6 of IS 13314:
549	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	No Load Test - No Load DC Current	Cl 7.8.1 of IS 13314:
550	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	No Load Test - Output Voltage	Cl 7.8.2 of IS 13314:
551	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	Output Test - Voltage Regulation	Cl 7.9.1 of IS 13314:
552	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	Overload Capacity	Cl 7.9.4 of IS 13314:
553	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	Power Factor	Cl 7.9.3 of IS 13314:
554	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverters	Total Harmonic Distortion	Cl 7.11 of IS 13314:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
555	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply Dc Output	Efficiency	Sr. No. 3 of Table 3 of IS 7204 (Part II):
556	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply Dc Output	Open Circuit Protection	Sr. No. 2 of Table 4 of IS 7204 (Part II):
557	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply Dc Output	Peak Open Circuit Voltage	Sr. No. 8 of Table 4 of IS 7204 (Part II):
558	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply Dc Output	Rated Source Current	Sr. No. 2 of Table 3 of IS 7204 (Part II):
559	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply Dc Output	Reverse Current Protection	Sr. No.12 of Table 4 of IS 7204 (Part II):
560	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply Dc Output	Reverse Current Protection	Sr. No.12 of Table 4 of IS 7204 (Part II):
561	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply Dc Output	Short Circuit Current	Sr. No. 5 of Table 7 of IS 7204 (Part II):
562	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply Dc Output	Source Voltage Effect	Sr. No.2 of Table 4 of IS 7204 (Part II):
563	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stablized Power supply DC output	Power Factor	Sr. No. 3 of Table 3 of IS 7204(Part II):
564	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	A.C. and D.C. Power Isolation	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5.4) IEC 60950- 1:2005,(Cl. No 3.4) IS 13252(Part 1):
565	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Abnormal operating and fault condition	IEC 62040-1:2008, IS 16242:2014,(Cl. No 8.3) IEC 60950- 1:2005,(Cl. No 5.3) IS 13252(Part
566	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Battery	IEC 62040-1:2011, IS 16242:2014,(Cl. No 4.7.20) IEC 60950- 1:2005,(Cl. No 2.1.1.5) IS 13252(Part 1):
567	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Clearances, Creepage distances and Distance through insulation	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5.7) IEC 60950- 1:2005,(Cl. No 2.10) IS 13252(Part 1):
568	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Construction Details	IEC 62040-1:2008, IS 16242:2014,(Cl. No 7.4) IEC 60950- 1:2005,(Cl. No 4.3) IS 13252(Part 1):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
569	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Construction Details	IEC 62040-1:2008, IS 16242:2014,(Cl. No 7.4) IEC 60950- 1:2005,(Cl. No 4.3) IS 13252(Part 1):
570	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Durability of marking	IEC 62040-1:2011, IS 16242:2014,(Cl. No 4.7.16) IEC 60950- 1:2005,(Cl. No 1.7.11) IS 13252(Part 1):
571	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Efficiency	Cl 6.4.1.6 of IS 16242 (Part 3):2014, IEC 62040-3:
572	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Electric Strength	IEC 62040-1:2008, IS 16242:2014,(Cl. No 8.2) IEC 60950- 1:2005,(Cl. No 5.2) IS 13252(Part 1):
573	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Full Load Voltage	Cl 6.2.2.5 of IS 16242 (Part 3):2014, IEC 62040-3 :
574	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	General provision for earth leakage	IEC 62040-1:2008, IS 16242:2014,(Cl. No 8.1) IEC 60950- 1:2005,(Cl. No 5.1.1,1.1.10,5.1.7) IS 13252(Part 1):
575	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	General provisions for connection to power	IEC 62040-1:2008, IS 16242:2014,(Cl. No 6.2.1) IEC 60950- 1:2005,(Cl. No 3.2.2,3.2.3,3.2.4, 3.2.5, 3.2.6, 3.2.7, 3.2.8) IS 13252(Part 1):
576	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	General provisions for connection to power	IEC 62040-1:2008, IS 16242:2014,(Cl. No 6.2.1) IEC 60950- 1:2005,(Cl. No 3.2.2,3.2.3,3.2.4, 3.2.5, 3.2.6, 3.2.7, 3.2.8) IS 13252(Part 1):
577	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	High Leakage Current	IEC 62040-1:2011, IS 16242:2014,(Cl. No 4.7.13) IEC 60950- 1:2005,(Cl. No 5.1) IS 13252(Part 1):
578	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Limited Current Circuits	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5.2.3) IEC 60950- 1:2005,(Cl. No 2.5) IS 13252(Part 1):
579	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Limited Power Source	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5.2.5) IEC 60950- 1:2005,(Cl. No 2.5) IS 13252(Part 1):

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580	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Limited Power Source	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5.2.5) IEC 60950- 1:2005,(Cl. No 2.5) IS 13252(Part 1):
581	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Mechanical Strength	IEC 62040-1:2008, IS 16242:2014,(Cl. No 4.2) IS 13252(Part 1)
582	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	No Load Voltage	Cl 6.2.2.4 of IS 16242 (Part 3):2014, IEC 62040-3:
583	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Output Current	Cl 6.4.1.3 of IS 16242 (Part 3):2014, IEC 62040-3:
584	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Output Frequency	Cl 6.4.1.2 of IS 16242 (Part 3):2014, IEC 62040-3:
585	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Over current and earth fault protection	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5.5) IEC 60950- 1:2005,(Cl. No 5.3) IS 13252(Part 1):
586	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Overshoot & Undershoot	Cl 6.4.2.9 of IS 16242 (Part 3):2014, IEC 62040-3:
587	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Power Factor	Cl 6.4.1.5 of IS 16242 (Part 3):2014, IEC 62040-3:
588	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Power Interface	IEC 62040-1:2011, IS 16242:2014,(Cl. No 4.6) IEC 60950-1,(Cl. No 1.6) IS 13252(Part 1):
589	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Power Rating	IEC 62040-1:2011, IS 16242:2014,(Cl. No 4.7.2) IEC 60950- 1:2005,(Cl. No 1.7.1) IS 13252(Part 1):
590	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Protection against electric shock and energy hazards	EC 62040-1:2008, IS 16242:2014,(Cl. No 5.1.1,1.2,5.1.3,5.1.4,5. 1.5) IEC 60950- 1:2005,(Cl. No 2.1.1,2.10.3.3) IS 13252(Part 1):
591	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Protection against electric shock and energy hazards	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5.1.1,1.2,5.1.3,5.1.4,5. 1.5) IEC 60950- 1:2005,(Cl. No 2.1.1,2.10.3.3) IS 13252(Part 1):

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592	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Protection of personal safety interlocks	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5.6) IEC 60950- 1:2005,(Cl. No 2.8) IS 13252(Part 1):
593	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Protective Earthing	IEC 62040-1:2008, IS 16242:2014,(Cl. No 5..3.2) IEC 60950- 1:2005,(Cl. No 2.10,4.2,2.6.1,5.2) IS 13252(Part 1):
594	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Resistance to fire	IEC 62040-1:2008, IS 16242:2014,(Cl. No 7.5) IEC 60950- 1:2005,(Cl. No 4.7,4.7.2,1.2.12) IS 13252(Part 1):
595	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Stability	IEC 62040-1:2008, IS 16242:2014,(Cl. No 7.2) IEC 60950- 1:2005,(Cl. No 4.1) IS 13252(Part 1):
596	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Temperature Rise	IEC 62040-1:2008, IS 16242:2014,(Cl. No 7.7) IEC 60950- 1:2005,(Cl. No 4.5) IS 13252(Part 1):
597	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Total Harmonic Distortion	Cl 6.4.1.4 of IS 16242 (Part 3):2014, IEC 62040-3:
598	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Verification of Input & Output voltage as applicable	Cl 3.3.12 of IS 16242 (Part 3):2014, IEC 62040-3:
599	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Verification of Manual & Static by pass switches for maintenance	Cl 6.2.2.9 of IEC 62040-3 or C.3 of Annexure C of IEC 62040-3:
600	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Verification of Overload as applicable	Cl 6.4.2.10 of IS 16242 (Part 3):2014, IEC 62040-3:
601	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS	Verification of Overvoltage	Cl 6.4.2.8 of IS 16242 (Part 3):2014, IEC 62040-3:
602	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Luminaire	LED Luminaire Life(Lumen Maintenance, Endurance)	Cl 10 of IS 16107(Part2/Sec1)
603	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Luminaire	Lumen Efficacy	Cl no 8.3 of IS 16107 (Part 2/sec1)
604	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules For General Lighting	Beam Angle	Cl 8.2.5 of Is 16103 (Part 2)

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605	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for General Lighting	Chromaticity Coordinates	cl 9.1 of IS 16103 (Part 2)
606	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for General Lighting	Color Rendering Index	cl 9.3 of IS 16103 (Part 2)
607	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for General Lighting	Corelated Colour Temperature	cl 9.2of IS 16103 (Part 2)
608	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for General Lighting	Luminous Flux	Cl 8.1 of IS 16103 (Part 2)
609	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules For General Lighting	Luminous Intensity Distribution	Cl 8.2.3 of IS 16103 (Part 2)
610	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules For General Lighting	Module Efficacy	Cl 8.3 of IS 16103(Part2)
611	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamp for General Lighting service	Chromaticity Coordinate	Cl 10.1 of Is 16102 (Part 2)
612	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamp for General Lighting service	Color Rendering index	Cl 10.2 of Is 16102 (Part 2)
613	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamp for General Lighting service	Corelated Color Temperature	Cl 10.1 of Is 16102 (Part 2)
614	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamp for General Lighting service	Efficacy	Cl 9.3 of Is 16102 (Part 2)
615	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self Ballasted LED Lamp for General Lighting service	Luminous Flux	Cl 9.1 of Is 16102 (Part 2)
616	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-Ballasted LED Lamps For General lighting Services	Beam Angle	Cl 9.2.5 of IS 16102 (part 2)
617	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-Ballasted LED Lamps For General lighting Services	Luminous Intensity Distribution	Cl 9.2.3 Of IS 16102(Part 2)
618	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-Ballasted LED Lamps For General lighting Services	Peak Intensity	Cl 9.2.4 of IS 16102 (part 2)

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619	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (LED) Product	Luminaire Efficacy	Cl No 11 of IES LM -79 & cl No 13 of IS 16106
620	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (LED) Product Modules for General Lighting	Correlated Coiour Temperature	Cl 12 of IES LM 79-08 & Cl No 14 of IS 16106
621	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting (LED) Products	Chromaticity Coordinates	Cl No 12 of IES LM -79-08 & Cl No 14 of IS 16106
622	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting(LED)Products	Color Rendering index (CRI)	Cl No 12 of IES LM 79-08 & Cl 14 of IS 16106
623	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Lighting(LED)Products	Total Luminous Flux Measurement	Cl No 9 of IES LM 79 -08 & Cl No 11 of IS 16106
624	PHOTOMETRY-LUMINARIES	Emergency Light	Light Output Ratio (Functional safety)	Cl 17.3 of IS 10322 Part 5/sec 8
625	PHOTOMETRY-LUMINARIES	Emergency light	Luminous Intesity Distribution& PeaK Intensity(Functional Safety	Cl 17.2 & 17.3 of IS 10322 part 5/sec8
626	PHOTOMETRY-LUMINARIES	Emergency Lighting	Lumen Output (Functional Safety)	Cl 17 of IS 10322 Part 5/sec8
627	PHOTOMETRY-LUMINARIES	Fixed general Purpose Luminaires	Luminous Flux	Cl 17 of IS 10322 Part 5/sec 1
628	PHOTOMETRY-LUMINARIES	Fixed general Purpose Luminaires(LED Luminaire only)	Beam angle	Cl 17 of IS 10322 part 5/sec 1
629	PHOTOMETRY-LUMINARIES	Fixed General Purpose Luminaires(LED Luminaire only)	Luminous Intensity Distribution & Peak Intensity	Cl 17 of IS 10322 Part5/sec 1
630	PHOTOMETRY-LUMINARIES	Flood lights	Luminous Intensity Distribution & Peak intensity	Cl 17 of IS 10332 Part 5/Sec 5
631	PHOTOMETRY-LUMINARIES	Flood Lights (LED Luminaire only)	Luminous flux	Cl 17 of IS 10322 Part 5/sec 5
632	PHOTOMETRY-LUMINARIES	Flood Lights(LED Luminaire only)	Beam Angle	Cl 17 of IS 10322 Part 5/sec 5
633	PHOTOMETRY-LUMINARIES	Flood Lights(LED Luminaire only)	light output ratio,upward & downward light output Ratio	Cl 17 of IS 10322 Part 5/sec 5
634	PHOTOMETRY-LUMINARIES	LED Fixed General Purpose Luminaire	light output ratio,upward & downward light output Ratio	Cl 17 of IS 10322 Part 5/sec 1
635	PHOTOMETRY-LUMINARIES	LED Luminaire	Beam Angle	Cl 8.2.5 of IS 16107(Part 2/sec 1)

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636	PHOTOMETRY-LUMINARIES	LED Luminaire	Chromaticity Coordinate	Cl no 9.1 of IS 16107 (Part 2/sec 1)
637	PHOTOMETRY-LUMINARIES	LED Luminaire	Color Rendering Index	Cl no 9.3 of IS 16107 part 2/sec 1
638	PHOTOMETRY-LUMINARIES	LED Luminaire	Correlated Color Temperature	Cl 9.2 of IS 16107 (part2/sec1):
639	PHOTOMETRY-LUMINARIES	LED Luminaire	Luminous Flux	Cl 8.1 of IS 16107 (Part 2/sec2)
640	PHOTOMETRY-LUMINARIES	LED Luminaire	Luminous Flux	Cl 8.1 of IS 16107 (Part2/sec1)
641	PHOTOMETRY-LUMINARIES	LED Luminaire	Luminous intensity Distribution	Cl 8.2.3 of IS 16107(Part 2/sec 1)
642	PHOTOMETRY-LUMINARIES	LED luminaire	Luminous Intensity Distribution	Cl 8.3 of IS 16107 (Part2/Sec2)
643	PHOTOMETRY-LUMINARIES	LED Luminaire	Minimum Luminaire efficacy	Cl 8.2 of IS 16107 (Part 2/sec2)
644	PHOTOMETRY-LUMINARIES	LED Luminaire	Peak intensity	Cl 8.2.4 of IS 16107 (Part2/sec1):
645	PHOTOMETRY-LUMINARIES	LED Street Light Luminaire	CCT	Cl 9.2 of IS 16107 Part2/sec 2
646	PHOTOMETRY-LUMINARIES	LED Street Light Luminaire	CRI	Cl 9.3 of IS 16107 Part2/sec2
647	PHOTOMETRY-LUMINARIES	Luminaires for Road & Street Lighting	light output ratio,upward & downward light output Ratio	Cl 17 of IS 10322 part 5/sec 3
648	PHOTOMETRY-LUMINARIES	Luminaires For Road & Street Lighting	Luminous Flux	Cl 17 of IS 10322 Part 5/ Sec3
649	PHOTOMETRY-LUMINARIES	Luminaires for Road & Street Lighting	Peak Intensity	Cl 8.2.4 of IS 16103 (Part 2)
650	PHOTOMETRY-LUMINARIES	Luminaires for Road & Street Lighting (LED Luminaire only)	Beam Angle	Cl 17 of IS 10322 Part 5/sec 3
651	PHOTOMETRY-LUMINARIES	Luminaires for Road & Street Lighting(LED Luminaire only)	Luminous Intensity distribution & Peal intensity	Cl 17 of IS 10322 Part5 /sec 3)
652	PHOTOMETRY-LUMINARIES	Luminous Intensity Distribution & Peak Intensity (LED Luminaire only)	Luminous Intensity Distribution & Peak Intensity	Cl 17 of IS 10322 (part 5/Sec3)
653	PHOTOMETRY-LUMINARIES	others(LED Street Light Luminaries)	chromaticity Coordinate	Cl 9.1 of IS 16107 Part 2/Sec 2
654	PHOTOMETRY-LUMINARIES	Recessed Luminaires	Beam Angle	Cl 17 of IS 10322 Part 5/sec 2

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655	PHOTOMETRY-LUMINARIES	Recessed Luminaires	Luminous Flux	Cl 17 of IS 10322 (Part 5/Sec2)
656	PHOTOMETRY-LUMINARIES	Recessed Luminaires	Luminous intensity Distribution & Peak intensity	Cl 17 of IS 10322 Part 5/Sec2)
657	PHOTOMETRY-LUMINARIES	Recessed Luminaires (LED Luminaire only)	light output ratio, upward & downward light output Ratio	Cl 17 of IS 10322 part 5/sec 2
658	PHOTOMETRY-LUMINARIES	Solid State Lighting	Luminous Intensity Distribution	Cl 10 of IES LM79-08 & Cl 12 of Is 16106