National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ASSOCIATED ELECTRONICS RESEARCH FOUNDATION (MATERIAL APPRAISAL LABORATORY), C-53, PHASE II, NOIDA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 11/08/2021 to 10/08/2023 **Last Amended on** -

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- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Resistance to Heat Fire and Tracking	Cl no. 18 of IS 16103 (Part 1)
2	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Protection against Accidental Contact With Live Parts	Cl 8 of IS 15885 (Part 2/Sec 13)
3	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Heat,Fire & Tracking	Cl 19 of IS 15885 (Part 2/ Sec 13)
4	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Street Light	Marking	Cl 4 of IS 16107 Part 2/sec 2)
5	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solid state lighting (LED) products	Power Supply Characteristic	Cl no. 3 of LM-79-08& Cl no. 3 of IS 16106
6	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Insulation Resistance & Electric Strength	Cl 15 of IS 10322 Part 5/Sec 8
7	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Moisture Resistance	Cl 11 of IS 15885 (Part 2/Sec 13)
8	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Provision For Protective Earthing	Cl 10 of IS 15885 (Part 2/Sec 13)
9	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Provision For Protective Earthing	Cl 10 of IS 15885 (Part 2/Sec 13)
10	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Heat,Fire & Tracking	Cl 19 of IS 15885 (Part 2/ Sec 13)
11	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Screws,Current-Carrying parts and Connections	Cl 18 of IS 15885 (Part 2/Sec 13)
12	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Construction	Cl No.4 of IS 10322 (Part I)
13	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	solid state lighting (LED) products	Power Supply Characteristic	Cl no. 3of LM-79-08& Cl no. 3 of IS 16106

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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
14	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Resistance To Heat Fire & Tracking	Cl 15 of IS 10322 Part5/sec 8
15	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Test Devices for Emergency Operation	Cl 21 of IS:10322(part 5/ sec 8)
16	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	Construction	Cl No.4 of IS 10322 (Part I)
17	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	Construction	Cl No.4 of IS 10322 (Part I)
18	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	construction	Cl No.4 of IS 10322 (Part I)
19	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	Construction	Cl No.4 of IS 10322 (Part I)
20	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	Cree page Distance and Clearances	Cl No.11 of IS 10322 (Part I)
21	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	Endurance Test & Thermal Tests	Cl No.12 of IS 10322 (Part I)
22	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	terminals	Cl 10 of IS 10322 part 5/sec5
23	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Creepage Distances and Clearances	Cl 17 of IS 15885 (Part 2/Sec 13)
24	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Fault Condition	Cl 14 of IS 15885 (Part 2/Sec 13)
25	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Marking	Cl 7 of IS 15885 (Part 2/Sec 13)
26	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Corrosion	Cl 20 of IS 15885 (Part 2/ Sec 13)
27	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Resistance to Heat,Fire & Tracking	Cl 19 of IS 15885 (Part 2/ Sec 13)

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28	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Terminals	Cl 9 of IS 15885 (Part 2/Sec 13)
29	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Transformer Heating	Cl 15 of IS 15885 (Part 2/Sec 13)
30	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires	Endurance test	Cl 10.4 of IS 16107(Part 2/sec2)
31	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Consruction	Cl No.4 of IS 10322 (Part I)
32	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Endurance Test & Thermal Tests	Cl No.12 of IS 10322 (Part I)
33	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Endurance Tests & Thermal Test	Cl No.12 of IS 10322 (Part I)
34	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	External and Internal Wiring	Cl No.5 of IS 10322 (Part I)
35	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Insulation Resistance & Electric Strength	Cl No.10 of IS 10322 (Part I)
36	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Insulation Resistance & Electric Strength	Cl No.10 of IS 10322 (Part I)
37	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Marking	Cl No. 3 of IS 10322 (Part I)
38	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to dust, Solid objects and Moisture	Cl No.9 of IS 10322 (Part I)
39	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to heat Fire & Tracking	Cl No.13 of IS 10322 (Part I)
40	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to heat Fire & Tracking	Cl No.13 of IS 10322 (Part I)
41	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Screw Terminals	Cl No.14 of IS 10322 (Part I)

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42	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Screw Terminals	Cl No.14 of IS 10322 (Part I)
43	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	terminals	Cl 9 of IS 10322 part 5/sec 4
44	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	solid state lighting (LED) products	Power Supply Characteristic	Cl no. 3of LM-79-08& Cl no. 3 of IS 16106
45	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Light	Classification of Luminaires	Cl 5 of IS 10322 Part 5 /Sec 8
46	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Light	Endurance test & Thermal Test	Cl 13 of IS 10322 Part 5/Sec 8
47	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Light	Marking	Cl 6 of IS 10322 Part5/Sec 8
48	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Battery Chargers for self contained Emergency lights	Cl 20 of IS:10322(part 5/sec 8)
49	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Changeover Operation	Cl 18 of IS:10322(part 5/sec 8)
50	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Construction	Cl 7 of IS 10322 Part 5/sec 8
51	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Creepage Distance & clearances	Cl 8 of Is 10322 part 5/sec 8
52	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	External & Internal wiring	Cl 11 of IS 10322 Part5 /Sec 8
53	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	High Temperature Operation	Cl 19 of IS:10322(part 5/sec 8)
54	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Insulation Resistance & Electric Strength	Cl 15 of IS 10322 Part 5/Sec 8
55	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	protection against Electric shock	Cl 12 of IS 10322 Part5 /Sec 8

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56	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	provision for earthing	Cl 9 of IS 10322 Part5 /Sec 8
57	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Resistance to Dust & moisture	Cl 14 of IS 10322 Part5 /Sec 8
58	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Resistance To Heat Fire & Tracking	Cl 16 of IS 10322 part 5/sec 8
59	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Resistance To Heat Fire & Tracking	Cl 16 of IS 10322 Part 5/Sec 8
60	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Rest Mode and inihibition Mode Facilities	Cl 22 of IS:10322(part 5/sec 8)
61	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lights	Terminals	Cl 10 of IS 10322 Part5 /Sec 8
62	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Creepage Distance and Clearances	Cl No.8 of IS 10322 (Part 5/Sec 1)
63	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Endurance Test and Thermal Test	Cl no.13 of IS 10322 (Part 5/Sec 1)
64	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Insulation Resistance & Electric Strength Test	Cl no.15 of IS 10322 (Part 5/Sec 1)
65	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Insulation Resistance & Electric Strength Test	Cl no.15 of IS 10322 (Part 5/Sec 1)
66	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Marking	Cl No.6 of IS 10322 (Part 5/Sec 1)
67	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Protection against electrical shock	Cl no. 12 of IS 10322 (Part 5/Sec 1)
68	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Resistance to dust and moisture (IP Test)	Cl no.14 of IS 10322 (Part 5/Sec 1)
69	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 1)

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70	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 1)
71	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 1)
72	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	Construction	cl 7 of 10322 (Part 5/Sec1)
73	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	External & Internal Wiring	Cl 11 of 10322 Part 5/sec 1
74	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General purpose luminaries	Provision for earthing	Cl no.9 of IS 10322 (Part 5/Sec 1)
75	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	Terminals	Cl 10 of 10322 (part 5/sec 1)
76	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to dust and Moisture (IP Test)	Cl No.14 of IS 10322 (Part 5/Sec 5)
77	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Construction	Cl No.7 of IS 10322 (Part 5/Sec 5)
78	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Creepage Distance and Clearances	Cl No.8 of IS 10322 (Part 5/Sec 5)
79	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Endurance Test and Thermal Test	Cl No.13 of IS 10322 (Part 5/Sec 5)
80	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	External and Internal Wiring	Cl.11 of IS:10322(Part5/sec5)
81	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Insulation Resistance & Electric Strength Test	Cl No.15 of IS 10322 (Part 5/Sec 5)
82	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Insulation Resistance & Electric Strength Test	Cl No.15 of IS 10322 (Part 5/Sec 5)
83	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Marking	Cl No.6 of IS 10322 (Part 5/Sec 5)

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84	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Protection against electrical shock	Cl No.12 of IS 10322 (Part 5/Sec 5)
85	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Provision for earthing	Cl No.9 of IS 10322 (Part 5/Sec 5)
86	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood Lights	Provision for earthing	Cl No.9 of IS 10322 (Part 5/Sec 5)
87	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to heat, Fire & Tracking	Cl No.16 of IS 10322 (Part 5/Sec 5)
88	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to heat, Fire & Tracking	Cl No.16 of IS 10322 (Part 5/Sec 5)
89	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to heat, Fire & Tracking	Cl No.16 of IS 10322 (Part 5/Sec 5)
90	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	Cree page Distances & Clearances	Cl 8 of IS 10322 (part5/sec 6)
91	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	Endurance Test & Thermal Test	Cl 13 of IS 10322 (part5/sec 6)
92	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	External & internal Wiring	Cl 11 of IS 10322 (part5/sec 6)
93	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	Heat Fire & Tracking	Cl 16 of IS 10322 (Part5/sec 6)
94	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Heat Fire & Tracking	Cl 16 of IS 10322 Part 5/sec6
95	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	Insulation Resistance & Electric Strength	Cl 15 of IS 10322 (Part 5/sec 6)
96	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	Insulation Resistance & Electric Strength	Cl 15 of IS 10322 (part5/sec 6)
97	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Provision for earthing	Cl 9 of IS 10322 (part5/sec 6)

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98	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Resistance to Heat Fire & Tracking	Cl 16 of IS 10322 (Part5/sec6)
99	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	Resistance To dust & Moisture	Cl 14 of IS 10322 (Part 5/sec 6)
100	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand Lamp	Resistance To dust & Moisture	Cl 14 of IS 10322 Part 5/sec 6)
101	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	Resistance to dust & moisture	Cl 15 of IS 10322 (part5/sec 6)
102	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamp	Terminals	Cl 10 of IS 10322 (part5/sec 6)
103	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	hand Lamps	Construction	Cl 7 of IS 10322 (part5/sec 6)
104	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamps	Marking	Cl 6 of IS 10322 (Part 5/sec 6)
105	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamp	Protection against Electric shock	Cl 12 of IS 10322 (part5/sec 6)
106	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Construction	Cl 16 of IS 15885 (Part 2/Sec 13)
107	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Electric strength	Cl 12 of IS 15885 (Part 2/Sec 13)
108	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Terminals	Cl 9 of IS 15885 (Part 2/Sec 13)
109	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamp Control Gear	Thermal Endurance test for winding of ballast	Cl 13 of IS 15885 (Part 2/sec13)
110	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Lamp, LED Luminaries & Accessories Including Control Gear	Endurance Test Switching Cycle	Cl no. 13.1 (b) of IS 16104
111	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Lamp, LED Luminaries & Accessories Including Control Gear	Input Power	Cl no. 8 of IS 16104

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112	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Lamp, LED Luminaries & Accessories Including Control Gear	Output Current	Cl no. 7.2 of IS 16104
113	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Lamp, LED Luminaries & Accessories Including Control Gear	Output Voltage	Cl no. 7.2 of IS 16104
114	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Lamp, LED Luminaries & Accessories Including Control Gear	Power Factor	Cl no. 9 of IS 16104
115	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Lamp, LED Luminaries & Accessories Including Control Gear	Supply Current	Cl no. 10 of IS 16104
116	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Lamp, LED Luminaries & Accessories Including Control Gear	Temperature Cycling Shock Test	Cl no. 13.1(a) of IS 16104
117	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Liuminire	Harmonics	Cl 13 of IS 16107(Part 2/sec2)
118	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaire	Ingress Protection	Cl 16 of IS 16107(Part 2/sec2)
119	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaire	Operating Temperature range	Cl no.11 of of(Part 2/sec 2):
120	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaire	Power Factor	Cl 12 of IS 16107 (Part 2/sec2)
121	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaire	Reverse Polarity	Cl 15 of IS 16107(part 2/sec2)
122	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaire	Surge Protection	Cl 14 of IS 16107 (Part2/sec2)
123	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaires	Marking	Cl no.5 of IS 16107 (Part 2/sec 1)
124	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaries	Output Voltage	Cl no. 7.2 of IS 16104
125	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Luminaries	Total Input Power	Cl no.7of IS 16107 (Part 2/Sec 2)

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126	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Electric Strength	Cl no. 12 of IS 16103 (Part 1)
127	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Provision for Protective Earthing	Cl no. 9 of IS 16103 (Part 1)
128	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Classification	Cl no. 6 of IS 16103 (Part 1)
129	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Conformity testing during manufacture	Cl no. 14of IS 16103 (Part 1)
130	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Construction	Cl no. 15 of IS 16103 (Part 1)
131	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Creepage Distance and Clearances	Cl no. 16 of IS 16103 (Part 1)
132	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Dimension	Cl 5 of IS 16103(Part 2)
133	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED modules for General Lighting	Earth Continuity (Conformity testing during manufacture)	Cl no. 14 of IS 16103 (Part 1)
134	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Fault Condition	Cl no. 13 of IS 16103 (Part 1)
135	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED modules for General Lighting	High Voltage (Conformity testing during manufacture)	Cl no. 14 of IS 16103 (Part 1)
136	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED modules for General Lighting	Input Power (Conformity testing during manufacture)	Cl no. 14 of IS 16103 (Part 1)
137	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	LED Module Life	Cl 10 of IS 16103(Part 2)
138	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Marking	Cl 4 of IS 16103(Part 2)
139	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Marking	Cl no. 7 of IS 16103 (Part 1)

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140	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Module Power	Cl 7 of IS 16103 (Part 2)
141	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Moisture Resistance and Insulation	Cl no. 11 of IS 16103 (Part 1)
142	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Protection against accidental contact with Live part	Cl no. 10 of IS 16103 (Part 1)
143	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Resistance to corrosion	Cl no. 19of IS 16103 (Part 1)
144	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Resistance to Heat Fire and Tracking	Cl no. 18 of IS 16103 (Part 1)
145	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Resistance to Heat Fire and Tracking	Cl no. 18 of IS 16103 (Part 1)
146	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Screws, Current carrying parts and Connections	Cl no. 17 of IS 16103 (Part 1)
147	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Terminal	Cl no. 8 of IS 16103 (Part 1)
148	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Modules for General Lighting	Test Condition	Cl 6 of IS 16103(Part 2)
149	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Led street Light Luminaires	Life & Mimimum rated LED Luminaries Lifetime	Cl no. 10.2 of IS 16107 (Part 2/sec 2))
150	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Construction	Cl 20.7 of IS:10322(Part 5/ sec 7)
151	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	lighting Chains	Construction	cl 20.7 of IEC 60598-2-20
152	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	creepage Distance & clearance	Cl 20.8 of of IEC 60598-2-20
153	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Creepage Distance and Clearance	Cl 20.8 of IS:10322(Part 5/ sec 7)

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154	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Endurance Tests and Thermal Tests	Cl 20.13 of IS:10322(Part 5/ sec 7)
155	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Endutance Test 7 thermal Test	cl 20.13 of of IEC 60598-2-20:
156	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	external 7 Internal wiring	cl 20.11 of IEC 60598-2-20
157	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	External And Internal Wiring	Cl 20.11 IS:10322(Part 5/ sec 7)
158	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Insulation resistance & Electric Strength	20.15 of IEC 60598-2-20
159	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Insulation resistance and electric strength	Cl 20.15 of IS:10322(Part 5/ sec 7)
160	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Marking	Cl 20.6 of of IEC 60598-2-20
161	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Marking	Cl 20.6 of IS:10322(Part 5/ sec 7)
162	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Protection against dust solid object and moisture	Cl 20.5.3 of IS:10322(Part 5/ sec 7)
163	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Protection against dust Solid object & moisture	Cl 20.5.3 of IEC 60598-2-20
164	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Protection against Electric Shock	Cl 20.12 & 20.5.2 of IS:10322(Part 5/ sec 7)
165	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	protection against Electric shock	Cl 20.12 & 20.5.2 of IEC 60598-2-20
166	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Provision for earthing	Cl 20.9 of IEC 60598-2-20
167	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Provisions of Earthing	Cl 20.9 of IS:10322(Part 5/ sec 7)

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168	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Resistance to Heat , fire & Tracking	Cl 20.16 of IEC 60598-2-20
169	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Resistance to Heat, Fire and Tracking	Cl 20.16 of IS:10322(Part 5/ sec 7)
170	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Terminals	Cl 20.10 of IS:10322(Part 5/ sec 7)
171	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Terminals	Cl 20.10 of IEC 60598-2-20
172	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Humidity Test	Cl No.9 of IS 10322 (Part I)
173	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Insulation Resistance & Electric Strength	Cl No.10 of IS 10322 (Part I)
174	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Protection Against Electric Shock	Cl No.8 of IS 10322 (Part I)
175	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Provision for Earthing	Cl No.7 of IS 10322 (Part I)
176	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to Heat Fire & Tracking	Cl No.13 of IS 10322 (Part I)
177	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires	Resistance to heat Fire & Tracking	Cl No.13 of IS 10322 (Part I)
178	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	portable General Purpose Luminaires	External & Internal Wiring	Cl 10 of IS 10322 part 5 /sec 4
179	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaries	Construction	Cl No. 6 of IS 10322 (Part 5/Sec 4)
180	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose luminaries	Creepage Distance and Clearances	Cl No.7 of IS 10322 (Part 5/Sec 4)
181	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaries	Endurance Test and Thermal Test	Cl No.13.4 of IS 10322 (Part 5/Sec 4)

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182	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaries	Insulation Resistance & Electric Strength Test	Cl No.13.6 of IS 10322 (Part 5/Sec 4)
183	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaries	Insulation Resistance & Electric Strength Test	Cl No.13.6 of IS 10322 (Part 5/Sec 4)
184	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose luminaries	Marking	Cl No.5 of IS 10322 (Part 5/Sec 4)
185	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose luminaries	Mechanical Strength Test	Cl No.13.3 of IS 10322 (Part 5/Sec 4)
186	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose luminaries	Protection against electrical shock	Cl No.11 of IS 10322 (Part 5/Sec 4)
187	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose luminaries	Provision for earthing	Cl No.8 of IS 10322 (Part 5/Sec 4)
188	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose luminaries	Provision for earthing	Cl No.8 of IS 10322 (Part 5/Sec 4)
189	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaries	Resistance to dust and Moisture (IP Test)	Cl No.13.5 of IS 10322 (Part 5/Sec 4)
190	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaries	Resistance to heat, Fire & Tracking	Cl No.13.7 of IS 10322 (Part 5/Sec 4)
191	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaries	Resistance to heat, Fire & Tracking	Cl No.13.7 of IS 10322 (Part 5/Sec 4)
192	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable general purpose luminaries	Resistance to heat, Fire & Tracking	Cl No.13.7 of IS 10322 (Part 5/Sec 4)
193	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Construction	Cl 7 of 10322 Part 5/sec 2
194	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Creepage distance and Clearances	Cl No.8 of IS 10322 (Part 5/Sec 2)
195	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Endurance Test and Thermal Test	Cl no.13 of IS 10322 (Part 5/Sec 2)

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196	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	External and Internal Wiring	Cl.11 of IS:10322(part 5/sec2)
197	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Insulation Resistance & Electric Strength Test	Cl no.15 of IS 10322 (Part 5/Sec 2)
198	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Insulation Resistance & Electric Strength Test	Cl no.15 of IS 10322 (Part 5/Sec 2)
199	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaries	marking	Cl No.6 of IS 10322 (Part 5/Sec 2)
200	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaries	Photo metric test	Cl 17 of IS 10322 (part 5/Sec 2)
201	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Protection against electrical shock	Cl no. 12 of IS 10322 (Part 5/Sec 2)
202	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Provision for earthing	Cl no.9 of IS 10322 (Part 5/Sec 2)
203	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Provision for earthing	Cl no.9 of IS 10322 (Part 5/Sec 2)
204	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Resistance to dust and moisture (IP Test)	Cl no.14 of IS 10322 (Part 5/Sec 2)
205	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 2)
206	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 2)
207	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Resistance to heat, fire & tracking	Cl no.16 of IS 10322 (Part 5/Sec 2)
208	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaries	Terminals	Cl 10 of IS:10322(part 2/sec2)
209	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Endurance Test & Thermal Test	Cl No.13 of IS 10322 (Part 5/Sec 3)

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210	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Resistance to dust and moisture (IP Test)	Cl No.14 of IS 10322 (Part 5/Sec 3)
211	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Construction	Cl.No. 7 of IS 10322 (Part 5/Sec 3)
212	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Creepage Distance and Clearances	Cl No.8 of IS 10322 (Part 5/Sec 3)
213	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	External & internal Wiring	Cl 11 of 10322 part 5/sec 3
214	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Insulation Resistance & Electric Strength Test	Cl No.15 of IS 10322 (Part 5/Sec 3)
215	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Insulation Resistance & Electric Strength Test	Cl No.15 of IS 10322 (Part 5/Sec 3)
216	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Marking	Cl No.6 of IS 10322 (Part 5/Sec 3)
217	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Protection against electrical shock	Cl No.12 of IS 10322 (Part 5/Sec 3)
218	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Provision for earthing	Cl No.9 of IS 10322 (Part 5/Sec 3)
219	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Provision for earthing	Cl No.9 of IS 10322 (Part 5/Sec 3)
220	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Resistance to heat, fire & tracking	Cl No.16 of IS 10322 (Part 5/Sec 3)
221	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Resistance to heat, fire & tracking	Cl No.16 of IS 10322 (Part 5/Sec 3)
222	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Resistance to heat, fire & tracking	Cl No.16 of IS 10322 (Part 5/Sec 3)
223	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Road & street light luminaries	Terminal	Cl 10 of 10322 part 5/sec 3

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224	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Construction	Cl 21.7 of IEC 60598-2-21
225	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	construction	Cl 21.7 of IS:10322(Part 5/ sec 9)
226	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Cree page Distance & Clearances	Cl 21.8 of IS:10322(Part 5/ sec 9)
227	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Creepage distance & Clearance	21.8of IEC 60598-2-21
228	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Endurance Test & thermal test	Cl 21.13 of IEC 60598-2-21
229	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Endurance Test & Thermal Test	Cl 21.13 of IS:10322(Part 5/ sec 9)
230	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope light	External & internal Wiring	Cl 21.11 of IEC 60598-2-21
231	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	External & Internal Wiring	Cl 21.11 of IS:10322(Part 5/ sec 9)
232	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope light	Insulation resistance & Electric Strength	Cl 21.15 of IEC 60598-2-21
233	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Insulation resistance & Electric strength	Cl 21.15 of IEC 60598-2-21: 2014 &
234	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Insulation Resistance & Electric Strength	Cl 21.15 of IS:10322(Part 5/ sec 9)
235	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Insulation Resistance & Electric Strength	Cl 21.15 of IS:10322(Part 5/ sec 9)
236	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope light	Marking	Cl 21.6 of IEC 60598-2-21
237	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Protection against dust , solid objects and moisture	of IS:Cl 21.5.3 of 10322(Part 5/ sec 9)

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238	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope light	Protection against dust, solid objects & moisture	Cl 21.5.3 of IEC 60598-2-21
239	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Protection against Electric shock	Cl 21.5.2 & 21.11.5of IEC 60598-2-21
240	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	protection against Electric Shock	Cl 21.5.2 & 21.11.5 of IS:10322(Part 5/ sec 9)
241	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Provision for earthing	Cl 21.5.2 & 21.11.5of IEC 60598-2-21
242	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Provision for earthing	cl 21.9 of IS:10322(Part 5/ sec 9)
243	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Resistance to dust , solid object & misture	Cl 21.14 of IEC 60598-2-21
244	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Resistance to Dust , solid Object & moisture	CL 21.14 of IS:10322(Part 5/ sec 9)
245	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Resistance To Heat Fire & Tracking	Cl 21.16 of IS 10322 (part 5/sec9)
246	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Resistance to Heat fire & tracking	Cl21.16 of IEC 60598-2-21
247	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Terminals	Cl 21.10 of 10322(Part 5/ sec 9)
248	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Rope Light	Terminals	Cl 21.10 of IEC 60598-2-21
249	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	RopeLight	Marking	Cl 21.6 of IS:10322(Part 5/ sec 9)
250	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	self Ballast led	test Condition	Cl 7 of IS 16102 Part 2
251	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	self ballast led lamps	Marking	Cl 5 of IS 16102 Part 2

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252	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Insulation Resistance and Electric strength after humidity treatment	Cl No 8 of IS 16102(Part-1)
253	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Interchangeability	Cl No 6 of IS 16102(Part-1)
254	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Resistance to heat with ball pressure test equipment	Cl No 11 of IS 16102(Part-1)
255	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Cap Temperature Rise	Cl No 10 of IS 16102(Part-1)
256	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Creepage Distance & Clearances Test	Cl No 14 of IS 16102(Part-1)
257	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Dimension	Cl no. 6 of IS 16102 (Part 2)
258	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Fault Condition	Cl No 13 of IS 16102(Part-1)
259	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Harmonics and Power Factor	Clause.8.2 & 8.3 of IS 16102(Part-2))
260	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Insulation Resistance and Electric strength after humidity treatment	Cl No 8 of IS 16102(Part-1)
261	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Interchangeability	Cl No 6 of IS 16102(Part-1)
262	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Lamp Power	Cl no. 8.2 of IS 16102 (Part 2)
263	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Marking	Cl No 5 of IS 16102(Part-1)
264	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Mechanical Strength	Cl No 9 of IS 16102(Part-1)
265	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Protection Against Accidental Contact With Live Part	Cl No 7 of IS 16102(Part-1)

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266	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Resistance to Flame and Ignition	Cl No 12 of IS 16102(Part-1
267	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Resistance to Flame and Ignition	Cl No 12 of IS 16102(Part-1)
268	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self-Ballasted LED Lamps For General Lighting services	Resistance to heat with ball pressure test equipment	Cl No 11 of IS 16102(Part-1)
269	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Electrolytic Capacitor	Capacitance	Cl no. 8.3.2 of IS 4317
270	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Electrolytic Capacitor	Characteristic at low & High Temperature	Cl 8.6 of IS 4317
271	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Electrolytic Capacitor	Insulation Resistance	Cl 8.3.5 of IS 4317
272	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Electrolytic Capacitor	Leakage Current	Cl 8.3.1 of IS 4317
273	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Electrolytic Capacitor	Voltage Proof	Cl 8.3.6 of IS 4317
274	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Fixed Capacitor used in Electronic equipment	Capacitance	Cl 8.3.2 of IS 7305
275	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Fixed Capacitor used in Electronic equipment	Insulation resistance	Cl 8.3.6 of IS 7305

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276	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Fixed Capacitor used in Electronic equipment	Leakage current	Cl 8.3.4 of IS 7305
277	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Fixed Capacitor used in Electronic equipment	Voltage proof	Cl 8.3.1 of IS 7305
278	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Power Tranformer	Efficiency	Cl 6.2.2.3 of IS 6297 (Part I)
279	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Power Transformer	DC Resistance of windings	Cl 6.2.1.2 of IS 6297 (Part I)
280	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Power Transformer	Insulation Resistance	Cl 6.2.1.6 of IS 6297 (Part I)
281	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Power Transformer	No Load Test	Cl 6.2.2.1 of IS 6297 (Part I)
282	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Power Transformer	Secondary no load voltage & primary tap voltage	Cl 6.2.2.2 of IS 6297 (Part I)
283	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Power Transformer	Temperature Rise	Cl 6.2.1.2 of IS 6297 (Part I)
284	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Power Transformer	Voltage Proof	Cl 6.2.1.7 of IS 6297 (Part I)

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285	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Power Transformer	Voltage Regulation	Cl 6.2.2.4 of IS 6297 (Part I)
286	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Resistors	Insulation Resistance	Cl 8.3.4 of IS 5786 (Part I)
287	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Resistors	Resistance Value	Cl 8.3.1 of IS 5786 (Part I)
288	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Resistors	Temperature Characteristics	Cl 8.3.4 of IS 5786 (Part I)
289	ELECTRONICS-ELECTRONIC COMPONENTS & EQUIPMENT SUB ASSEMBLIES	Resistors	Voltage Proof	Cl 8.3.3 of IS 5786 (Part I)
290	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronics Product	Electrostatic Discharge Immunity Test	IEC 61000-4-2
291	ELECTRONICS- EMC TEST FACILITY	Electronics/ Electrical product	High Energy/Telecom Surge Immunity Test	IEC 61000-4-5 (C1 6.1)
292	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Composite Temperature Humidity	IS 9000 (Part VI)
293	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Salt Mist	IS 9000(Part XI)
294	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Cold test	IEc 60068-2-1
295	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	cold Test	IS 60571

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296	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Cold Test	IS 9000(Part II/Sec 1 to 4)
297	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Cold test	JSS 55555
298	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	cold test	MIL std 810G
299	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Composite Temperature Humidity	IS 9000 (Part VI)
300	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Damp \Heat Steady State	IEC 60068-2-78
301	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Damp heat Cyclic	IEC 60068-2-30
302	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Damp heat Cyclic	IS 60571
303	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Damp Heat Cyclic	IS 9000(Part V/Sec 1 to 2)
304	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Damp Heat Steady State	IS 9000(Part IV)
305	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Damp heat Steady State	JSS 55555
306	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Drop & Topple Free fall	IS 9000 Part VII(Sec 3 & 4)
307	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Dust Test	IS 9000(Part XII)
308	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Subassemblies	Dry Heat Temperature	IS 9000(Part III/Sec 1 to 5)
309	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Subassemblies	Hammer tests	IEC 60068-2-75

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310	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products (Components , material assemblies & sub assemblies	Vibration test	IEC 61373
311	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products 9 Components materials, Assemblies & Sub Assemblies	Vibration Test	IEC 60068-2-64
312	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products & components material, Assemblies & Sub assemblies	Dry Heat Test	IEC 60068-2-2
313	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products & components material, Assemblies & Sub assemblies	Dry Heat Test	IS 60571
314	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products & components material, Assemblies & Sub assemblies	Dry Heat Test	JSS 55555
315	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products & components material, Assemblies & Sub assemblies	Salt Mist Test	IEC 60068-2-11
316	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products & components material, Assemblies & Sub assemblies	Salt Mist Test	IEC 60068-2-52
317	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products & components material, Assemblies & Sub assemblies	Temp Cycling test	IEC 60068-2-14
318	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products & components material, Assemblies & Sub assemblies	Temperature Cycling test	JSS 55555
319	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & electrical products & components material, Assemblies & Sub assemblies & Enclosure)	Hammer Test	IEC 60068-2-75
320	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products (Components, materials, Assemblies & sub assemblies	Dry heat Test	810G:2014, Method 501.6 (procedure 1 & ii)
321	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Change in Temperature	IS 9000(Part 14/Sec 1 to 3)
322	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Damp Heat Cyclic	JSS 55555 ,
323	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Degree of protection for enclosures for electronics & Electrical equipment	IEC 60529 (1X to 6X & X1 to X8)

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324	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electronics & Electrical Products(Components, Materials, Assemblies & Sub assemblies	Vibration (Sine Wave) & Random	IS 9000 Part 8
325	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	High Leakage Current	Cl. No 4.7.13 of IS 16242(part 1)
326	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Limited Power Source	Cl. No 5.2.5 of IS 16242(part 1)
327	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Over current and earth fault protection	cl 5.5 of IS 16242(part 1)
328	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Electric Strength	Cl 8.2 of of IS 16242 part 1)
329	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Abnormal operating and fault condition	Cl No 8.3 of IS 16242(Part 1)
330	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Construction Details	Cl 7.4 of IS 16242(part 1)
331	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Construction Details	Cl 7.4 of IS 16242(part 1)
332	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	General provision for earth leakage	Cl 8.1 of IS 16242(Part 1)
333	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Mechanical Strength	Cl 7.3 of IS 16242 (Part 1)
334	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Protective Earthing & bonding	Cl 5.3 of IS 16242 (Part 1)
335	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Resistance to fire	Cl 7.5 of IS 16242
336	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	General provisions for connection to power	Cl 6.2.1 of IS 16242(part 1):
337	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	General provisions for connection to power	Cl 6.2.1 of IS 16242(part 1)
338	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Limited Power Source	Cl 5.2.5 of IS 16242 (Part 1)
339	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Over current and earth fault protection	Cl 5.5 of IS 16242 (Part 1)
340	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Power Interface	Cl 4.6 of IS 16242 (Part 1)
341	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS Up to 5 kVA	Protection against electric shock and energy hazards	Cl 5.1 of IS 16242 (Part 1)

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342	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	General provision for earth leakage	Cl 8.1 of IS 16242 (Part 1)
343	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Electric Strength	Cl 8.2 of IS 16242 (Part 1)
344	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Protective Earthing	Cl 5.3.1 of IS 16242 (Part 1)
345	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Limited Current Circuits	Cl 5.2.3 of IS 16242 (Part 1)
346	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Limited Power Source	cl 5.2.5 of IS 16242 (Part 1)
347	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Power Interface	Cl 4.6 of IS 16242:(part 1)
348	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Power Rating	Cl 4.7.2 of IS 16242 (Part 1)
349	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Protection of personal safety interlocks	Cl 5.6 of IS 16242 (Part 1)
350	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	Abnormal operating and fault condition	Cl 8.3 of IS 16242 (Part 1)
351	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Resistance to fire	Cl 7.5 of IS 16242 (Part 1)
352	ELECTRONICS- POWER SUPPLIES & STABILIZERS	inverter	efficiency	Cl 7.9.3 of IS13314
353	ELECTRONICS- POWER SUPPLIES & STABILIZERS	inverter	efficiency calculations	Cl 5 of IEC 61683
354	ELECTRONICS- POWER SUPPLIES & STABILIZERS	inverter	Frequency	Cl 7.9.2 of IS 13314
355	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	High Voltage Test	Cl 7.6 of IS 13314
356	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	Insulation Resistance	Cl 7.7 of IS 13314
357	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	Marking	Cl 6 of IS 13314
358	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	No Load Test - No Load DC Current	Cl 7.8.1 of IS 13314
359	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	No Load Test - Output Voltage	Cl 7.8.2 of IS 13314
360	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	Output Test - Voltage Regulation	Cl 7.9.1 of IS 13314

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361	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	Overload Capacity	Cl 7.9.4 of IS 13314
362	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	Power Factor	Cl 7.9.3 of IS 13314
363	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	Total Harmonic Distortion	Cl 7.11 of IS 13314
364	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Inverter	Visual Examination	Cl 7.5 of IS 13314
365	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Efficiency	Sr. No. 3 of Table 3 of IS 7204 (Part II)
366	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Open Circuit Protection	Sr. No. 2 of Table 4 of IS 7204 (Part II)
367	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Peak Open Circuit Voltage	Sr. No. 8 of Table 4 of IS 7204 (Part II)
368	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Power Factor	Sr. No. 3 of Table 3 of IS 7204(Part II)
369	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Rated Source Current	Sr. No. 2 of Table 3 of IS 7204 (Part II)
370	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Reverse Current Protection	Sr. No.12 of Table 4 of IS 7204 (Part II)
371	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Reverse Current Protection	Sr. No.12 of Table 4 of IS 7204 (Part II)
372	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Short Circuit Current	Sr. No. 5 of Table 7 of IS 7204 (Part II)
373	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Stabilized Power Supply	Source Voltage Effect	Sr. No.2 of Table 4 of IS 7204 (Part II)
374	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	A.C. and D.C. Power Isolation	Cl 5.4 of IS 16242 (Part 1)
375	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Battery	Cl 4.7.20 of IS 16242 (Part 1)
376	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Clearances, Creepage distances and Distance through insulation	Cl 5.7 of IS 16242 (Part 1)
377	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Durability of marking	Cl 4.7.16 of IS 16242 (Part 1)
378	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	General provisions for connection to power	Cl 6.2.1 of IS 16242 (Part 1)

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379	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Efficiency	Cl 6.4.1.6 of IS 16242 (Part 3):2014,
380	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Full Load Voltage	Cl 6.2.2.5 of IS 16242 (Part 3)
381	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	No Load Voltage	Cl 6.2.2.4 of IS 16242 (Part 3)
382	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Output Current	Cl 6.4.1.3 of IS 16242 (Part 3)
383	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Output Frequency	Cl 6.4.1.2 of IS 16242 (Part 3)
384	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Overshoot & Undershoot	Cl 6.4.2.9 of IS 16242 (Part 3)
385	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Power Factor	Cl 6.4.1.5 of IS 16242 (Part 3)
386	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Stability	Cl 7.2 of IS 16242 (Part 1)
387	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Temperature Rise	Cl 7.7 of IS 16242 (Part 1)
388	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Total Harmonic Distortion	Cl 6.4.1.4 of IS 16242 (Part 3)
389	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Transfer to By pass	Cl 6.2.2.9 , or C.3 of Annexure C of IS 16242(part 3)
390	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Verification of rated Input & Output voltage as applicable	Cl 3.3.12 of IS 16242 (Part 3)
391	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Verification of Overload as applicable	Cl 6.4.2.10 of IS 16242 (Part 3
392	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS (Up to 5 kVA)	Verification of Overvoltage	Cl 6.4.2.8 of IS 16242 (Part 3)
393	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS , (Up to 5 kVA)	A.C. and D.C. Power Isolation	Cl 5.4 of IS 16242 (Part 1)
394	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS(Up to 5 kVA)	General provisions for connection to power	Cl 6.2.1 of IS 16242(part 1)