National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS AND IT PRODUCTS SAFETY TESTING LABORATORY, CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH (CIMFR), BARWA ROAD, DHANBAD, JHARKHAND, 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
Permanent Facility				
1	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Strain Relief	IS 616, (Clause 16.5)
2	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Clearances and creepage distances	IS 616, (Clause 13.0)
3	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Components (Visual inspection only)	IS 616, (Clause 14)
4	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Devices forming a part of mains plug	IS 616, (Clause 15.4)
5	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Dielectric and insulation resistance	IS 616, (Clause 10.4)
6	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Dielectric and insulation resistance	IS 616, (Clause 10.4)
7	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Dielectric and insulation resistance	IS 616, (Clause 10.4)
8	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Drawers	IS 616, (Clause 12.4)
9	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Electrical connections and Mechanical fixings	IS 616, (Clause 17.1)
10	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Electrical connections and Mechanical fixings	IS 616, (Clause 17.1)
11	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Fault Condition tests-Electric Shock Hazard	IS 616, (Clause 11.1)
12	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Fault Condition tests-Electric Shock Hazard	IS 616, (Clause 11.1)
13	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Heating	IS 616, (Clause 11.2)
14	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Humidity Treatment	IS 616, (Clause 10.3)
15	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Insulation Resistance	IS 616, (Clause 10.3)
16	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Mechanical Strength- Bump Test, Vibration Test	IS 616, (Clause 12.1.2, 12.1.3, 8.17 (b)
17	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Mechanical Strength- Bump Test, Vibration Test	IS 616, (Clause 12.1.2, 12.1.3, 8.17 (b))
18	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Mechanical Strength- Bump, Vibration Test	IS 616, (Clause 12.1.2, 12.1.3, 8.17 (b))

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19	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Mechanical Strength Stress Relief	IS 616, (Clause 12.1.6)
20	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Mechanical Test (Drop Test)	IS 616, (Clause 12.1.5).
21	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Protection against Electric shock-Accessibility	IS 616, (Clause 9.1.1.2, 9.2)
22	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Protection against Electric shock-Opening in Enclosures	IS 616, (Clause 9.1.3)
23	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Remote Control Devices held in hand	IS 616, (Clause 12.3)
24	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Resistance to external forces	IS 616, (Clause 9.1.7)
25	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Resistance to fire	IS 616, (Clause 20)
26	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Resistance to fire	IS 616, (Clause 20)
27	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Resistance to fire	IS 616, (Clause 20)
28	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Stability and mechanical hazard	IS 616, (Clause 19.0)
29	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Stability and mechanical hazard	IS 616, (Clause 19.0)
30	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Stability and mechanical hazards	IS 616, (Clause 19.0)
31	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Strain Relief	IS 616, (Clause 16.5)
32	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Strain Relief	IS 616, (Clause 16.5)
33	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Strain Relief	IS 616, (Clause 16.5)
34	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Terminals - Provision for protective Earthing	IS 616, (Clause 15.0, 15.2)
35	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Torque test on covers	IS 616, (Clause 17.7)
36	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Transient voltages	IS 616, (Clause 13.3.4)
37	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus – Safety Requirements	Wall and Ceiling Mounting	IS 616, (Clause 19.7)

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38	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Constructional Requirements with Regard to the Protection against Electric Shock	IS 616, (Clause 8.0)
39	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Constructional Requirements with Regard to the Protection against Electric Shock	IS 616, (Clause 8.0)
40	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Constructional Requirements with regards to protection against electric shock	IS 616, (Clause 8.0)
41	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Determination of Hazardous Live Parts and Accessible Parts	IS 616 (Clause 9.1.1.1)
42	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Determination of Hazardous Live Parts and Accessible Parts	IS 616, (Clause 9.1.1.1)
43	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Determination of Hazardous Live Parts and Accessible Parts	IS 616, (Clause 9.1.1.1)
44	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Determination of Hazardous Live Parts and Accessible Parts	IS 616, (Clause 9.1.1.1)
45	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Determination of Hazardous Live Parts and Accessible Parts	IS 616, (Clause 9.1.1.1)
46	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Disconnection from the Mains	IS 616, (Clause 8.19, 9.1.6)
47	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Heating under Normal Operating Conditions	IS 616, (Clause 7.1)_
48	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Ionization radiation	IS 616, (Clause 6.1)
49	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	marking and Instructions	IS 616, (Clause 5.0)
50	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Normal Operating Conditions	IS 616, (Clause 4.2)
51	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Normal Operating Conditions	IS 616, (Clause 4.2)
52	ELECTRONICS- AUDIO EQUIPMENT	Audio, Video And Similar Electronic Apparatus –Safety Requirements	Normal Operating Conditions	IS 616, (Clause 4.2)
53	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Electrical Insulation	IS 13252 (Part-1), (Clause 2.9.2)
54	ELECTRONICS- IT EQUIPMENT	Including Electrical Business Equipment	Components Transformer Interconnecting Cable	IS 13252 (Part-1), (Clause. 1.5)
55	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Abnormal Operating and fault conditions	IS 13252 (Part-1), (Clause 5.3)

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56	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Clearance, Creepage, Distances and Distances through Insulation	IS 13252 (Part-1), (Clause 2.10.3 & 2.10.4)
57	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Connection to Cable distribution system- Voltage surge test	IS 13252 (Part-1), (Clause 7.4.2)
58	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Connections to Mains Supply-Cord Anchorages and Strain Relief	IS 13252 (Part-1), (Clause. 3.2.6)
59	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Connections to Mains Supply-Cord Guards	IS 13252 (Part-1), (Clause. 3.2.8)
60	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Connectrions to Main Supply-Cord Anchorages and Strain Relief	IS 13252 (Part-1), (Clause 3.2.6)
61	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Design and Construction handles and manual controls	IS 13252 (Part-1), (Clause 4.3.2)
62	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Direct Plug-in Equipment	IS 13252 (Part-1), (Clause 4.3.6)
63	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Discharge of Capacitors	IS 13252 (Part-1), (Clause 2.1.1.7)
64	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Discharge of Capacitors	IS 13252 (Part-1), (Clause 2.1.1.7)
65	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Electrical Insulation	IS 13252 (Part-1), (Clause 2.9.2)
66	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Electrical Insulation	IS 13252 (Part-1), (Clause 2.9.2)
67	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Electrical Insulation	IS 16242 (Part-1), (Clause. 2.9.2)
68	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Electrical Strength	IS 13252 (Part-1), (Clause 5.2)
69	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Electrical Strength	IS 13252 (Part-1), (Clause 5.2)
70	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Energy Hazards	IS 13252 (Part 1),(Clause 2.1.1.5)
71	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Energy Hazards	IS 13252 (Part-1), (Clause 2.1.1.5)
72	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Energy Hazards	IS 13252 (Part-1), (Clause. 2.1.1.5)

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73	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Energy Hazards	IS 13252 (Part-1), (Clause. 2.1.1.5)
74	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Limited Current Circuits	IS 13252 (Part-1), (Clause 2.4)
75	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Limited Current Circuits	IS 13252 (Part-1), (Clause 2.4)
76	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Limited Current Circuits	IS 13252 (Part-1), (Clause. 2.4)
77	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Limited Power Sources	IS 13252 (Part-1), (Clause. 2.5)
78	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Limited Power Sources	IS 13252 (Part-1), (Clause. 2.5)
79	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Limited Power Sources	IS 13252 (Part-1), (Clause. 2.5)
80	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Marking and Instructions	IS 13252 (Part-1), (1.7)
81	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Mechanical Strength- Drop Test	IS 13252 (Part-1), (Clause 4.2.6)
82	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Mechanical Strength- Impact Test	IS 13252 (Part-1), (Clause 4.2.5
83	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Mechanical Strength- Impact Test	IS 13252 (Part-1), (Clause 4.2.5)
84	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Mechanical Strength- Impact Test	IS 13252 (Part-1), (Clause 4.2.5)
85	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Mechanical Strength- Steady Force Test	IS 13252 (Part-1), (Clause. 4.2.2, 4.2.3, 4.2.4)
86	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Mechanical Strength- Stress Relief Test	IS 13252 (Part-1), (Clause 4.2.7)
87	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Openings in enclosers	IS 13252 (Part-1), (Clause 4.6)
88	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Over Current and Earth Fault Protection in Primary Circuits	IS 13252(Part-1), (Clause. 2.7)
89	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Power Interface- Input Current	IS 13252 (Part-1), (1.6.2)
90	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Power Interface- Input Current	IS 13252 (Part-1), (1.6.2)
91	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Power Interface- Input Current	IS 13252 (Part-1), (Clause 1.6.2)

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92	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Protection against Hazards	IS 13252 (Part-1), (Clause 4.4)
93	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Protection from Hazards-Access to Energized Parts	IS 13252 (Part-1), (Clause 2.1.1.1)
94	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Protection from Hazards in the equipment	IS 13252 (Part 1), (Clause 6.1)
95	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Protection from Hazards in the equipment	IS 13252 (Part-1), (Clause 6.1)
96	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Protection from Over Heating	IS 13252 (Part-1), (Clause 6.3)
97	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Protection from Over Voltage	IS 13252 (Part-1), (Clause 6.2.2.2)
98	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Protections against Mechanical damages	IS 13252 (Part-1), (Clause. 3.2.7)
99	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Protections from Hazards in the equipment	IS 13252 (Part-1), (Clause 6.1)
100	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Provision for Earthing and Bonding	IS 13252 (Part-1), (Clause. 2.6.3.4)
101	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Resistance to Abnormal Heat	IS 13252 (Part-1), (Clause 4.5.5)
102	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Resistance to abnormal Heat	IS 13252 (Part-1), (Clause 4.5.5)
103	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Resistance to abnormal heat	IS 13252 (Part-1), (Clause 4.5.5)
104	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Resistance to fire	IS 13252 (Part-1), (Clause 4.7)
105	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Safety Interlocks	IS 13252 (Part-1), (Clause 2.8)
106	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	SELV Circuits	IS 13252 (Part-1), (Clause 2.2)
107	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	SELV Circuits	IS 13252 (Part-1), (Clause 2.2)
108	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Stability	IS 13252 (Part-1), (Clause 4.1)
109	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Stability	IS 13252 (Part-1), (Clause 4.1)
110	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Thermal Requirements	IS 13252 (Part-1), (Clause 4.5)

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111	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	TNV Circuits	IS 13252 (Part 1),(Clause. 2.3)
112	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	TNV Circuits	IS 13252 (Part-1), (Clause. 2.3)
113	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Touch Current and Protective Conductor Current	IS 13252 (Part-1), (Clause 5.1)
114	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Transient Levels	IS 13252 (Part-1), (Clause 2.10.3.4)
115	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment including Electrical Business Equipment	Wiring, Connections and Supply	IS 13252 (Part-1), (Clause. 3.1)
116	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Abnormal Operating and Fault Conditions	IS 16242 (Part-1), (Clause 8.3)
117	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Connection to Telecommunication Networks	IS 16242 (Part-1), (Clause 9)
118	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Electric Strength	IS 16242 (Part 1), (Clause 8.2)
119	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Electric Strength	IS 16242 (Part-1), (Clause 8.2)
120	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Electric Strength	IS 16242 (Part-1), (Clause 8.2)
121	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Electrical Insulation	IS 16242 (Part-1), (Clause 2.9.2)
122	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	External Signaling Circuit	IS 16242 (Part-1), (Clause 5.2.4)
123	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Leakage current test	IS 16242 (Part-1), (Clause 8.1)
124	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Limited Current Circuits	IS 16242 (Part-1), (Clause 5.2.3)
125	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Limited Power Sources	IS 16242 (Part-1), (Clause 5.2.5)
126	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Limited Power Sources	IS 16242 (Part-1), (Clause 5.2.5)
127	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Limited Power Sources	IS 16242 (Part-1), (Clause 5.2.5)
128	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Marking	IS 16242 (Part-1), (Clause 4.7)
129	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Overcurrent and Earth Fault Protection	IS 16242 (Part-1), (Clause 5.5)

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130	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Physical Requirement	IS 16242 (Part-1), (Clause 7.1, 7.2, 7.4)
131	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Physical Requirement	IS 16242 (Part-1), (Clause 7.1, 7.2, 7.4)
132	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Physical Requirement	IS 16242 (Part-1), (Clause 7.1, 7.2, 7.4)
133	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Power Interface	IS 16242 (Part-1), (Clause 4.6)
134	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Power Interface	IS 16242 (Part-1), (Clause 4.6)
135	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Power Interface	IS 16242 (Part-1), (Clause 4.6)
136	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Protection against Electric Shock and Electric Hazards	IS 16242 (Part-1), (Clause 5.1)
137	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Protection against Electric Shock and Electric Hazards	IS 16242 (Part-1), (Clause 5.1)
138	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Provisions for Protective Earthing and Bonding	IS 16242 (Part-1), (Clause 5.3)
139	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Provisions for Protective Earthing and Bonding	IS 16242 (Part-1), (Clause 5.3)
140	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Resistance to fire	IS 16242 (Part-1), (Clause 7.5)
141	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Safety Interlocks	IS 16242 (Part-1), (Clause 5.6)
142	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	SELV Circuits	IS 16242 (Part-1), (Clause 5.2.1)
143	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	SELV Circuits	IS 16242 (Part-1), (Clause 5.2.1)
144	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Temperature	IS 16242 (Part-1), (Clause 7.7)
145	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	TNV Circuits	IS 16242 (Part-1), (Clause 5.2.2)
146	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible power systems (UPS/ Inverters of rating = 5KVA	Wiring Connections and Supply	IS 16242 (Part-1), (Clause 6.1, 6.2, 6.3)