



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: M/s AA Electro Magnetic Test Laboratory Private Limited

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Address: Plot No 174, Udyog Vihar, Phase 4, Sector 18,
Gurgaon - 122016, Haryana

Certificate No.: T-0069

Issue date : 30.09.2026

Validity : 29.09.2030

Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
Discipline: Electronics, Group: Audio Video Equipment				
1	Audio, video and similar electronic apparatus – Safety requirements	General Requirement	Clause 3.1; IS 616:2017 / IEC 60065:2014	Permanent
2	Audio, video and similar electronic apparatus – Safety requirements	Designation of classes	Clause 3.2; IS 616:2017 / IEC 60065:2014	Permanent
3	Audio, video and similar electronic apparatus – Safety requirements	Constructions and components not specifically covered	Clause 3.3; IS 616:2017 / IEC 60065:2014	Permanent
4	Audio, video and similar electronic apparatus – Safety requirements	Components and subassemblies that comply	Clause 3.4; IS 616:2017 / IEC 60065:2014	Permanent
5	Audio, video and similar electronic apparatus – Safety requirements	General Test Conditions	Clause 4, 4.1.4; IS 616:2017 / IEC 60065:2014	Permanent
6	Audio, video and similar electronic apparatus – Safety requirements	Normal Operating Condition	Clause 4.2, 4.2.2, 4.2.5; IS 616:2017 / IEC 60065:2014	Permanent
7	Audio, video and similar electronic apparatus – Safety requirements	Antenna Positioners	Clause 4.2.10; IS 616:2017 / IEC 60065:2014	Permanent
8	Audio, video and similar electronic apparatus – Safety requirements	Fault Conditions	Clause 4.3; IS 616:2017 / IEC 60065:2014	Permanent
9	Audio, video and similar electronic apparatus – Safety requirements	Marking and Instruction – General Requirements	Clause 5, 5.1; IS 616:2017 / IEC 60065:2014	Permanent
10	Audio, video and similar electronic apparatus – Safety requirements	Identification & Supply Rating	Clause 5.2; IS 616:2017 / IEC 60065:2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
11	Audio, video and similar electronic apparatus – Safety requirements	Terminals	Clause 5.3; IS 616:2017 / IEC 60065:2014	Permanent
12	Audio, video and similar electronic apparatus – Safety requirements	Caution Marking	Clause 5.4; IS 616:2017 / IEC 60065:2014	Permanent
13	Audio, video and similar electronic apparatus – Safety requirements	Instruction	Clause 5.5, 5.5.1, 5.5.2 & 5.5.3; IS 616:2017 / IEC 60065:2014	Permanent
14	Audio, video and similar electronic apparatus – Safety requirements	Hazardous Radiations	Clause 6; IS 616:2017 / IEC 60065:2014	Permanent
15	Audio, video and similar electronic apparatus – Safety requirements	Heating under Normal Operating Conditions	Clause 7, 7.1, 7.1.1–7.1.6; IS 616:2017 / IEC 60065:2014	Permanent
16	Audio, video and similar electronic apparatus – Safety requirements	Heat Resistance of Insulating Materials	Clause 7.2; IS 616:2017 / IEC 60065:2014	Permanent
17	Audio, video and similar electronic apparatus – Safety requirements	Constructional Requirements with regard to Protection against Electric Shock	Clause 8, 8.1 & 8.2; IS 616:2017 / IEC 60065:2014	Permanent
18	Audio, video and similar electronic apparatus – Safety requirements	Hygroscopic Material Testing	Clause 8.3, 8.4 & 8.5; IS 616:2017 / IEC 60065:2014	Permanent
19	Audio, video and similar electronic apparatus – Safety requirements	Class II Apparatus Accessible Parts	Clause 8.6; IS 616:2017 / IEC 60065:2014	Permanent
20	Audio, video and similar electronic apparatus – Safety requirements	Components Bridging Insulation	Clause 8.7; IS 616:2017 / IEC 60065:2014	Permanent



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21	Audio, video and similar electronic apparatus – Safety requirements	Insulation of Internal Wiring	Clause 8.8 & 8.9; IS 616:2017 / IEC 60065:2014	Permanent
22	Audio, video and similar electronic apparatus – Safety requirements	Double Insulation between Accessible Parts and Conductors Connected to the Mains	Clause 8.10; IS 616:2017 / IEC 60065:2014	Permanent
23	Audio, video and similar electronic apparatus – Safety requirements	Detached Wire Construction	Clause 8.11; IS 616:2017 / IEC 60065:2014	Permanent
24	Audio, video and similar electronic apparatus – Safety requirements	Windows, Lenses, Signal Lamp, Covers, Internal Wiring Accessibility	Clause 8.12, 8.13, 8.14 & 8.15; IS 616:2017 / IEC 60065:2014	Permanent
25	Audio, video and similar electronic apparatus – Safety requirements	Requirements for Insulated Winding Wires for Use without Additional Interleaved Insulation	Clause 8.16; IS 616:2017 / IEC 60065:2014	Permanent
26	Audio, video and similar electronic apparatus – Safety requirements	Endurance Test for Wound Components with Insulated Winding Wires without Additional Interleaved Insulation	Clause 8.17; IS 616:2017 / IEC 60065:2014	Permanent
27	Audio, video and similar electronic apparatus – Safety requirements	Disconnection from the Mains	Clause 8.18; IS 616:2017 / IEC 60065:2014	Permanent
28	Audio, video and similar electronic apparatus – Safety requirements	Mains Switch	Clause 8.19; IS 616:2017 / IEC 60065:2014	Permanent
29	Audio, video and similar electronic apparatus – Safety requirements	Conductively Connected Switch	Clause 8.20; IS 616:2017 / IEC 60065:2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
30	Audio, video and similar electronic apparatus – Safety requirements	Non-separable Thin Sheet Material	Clause 8.21; IS 616:2017 / IEC 60065:2014	Permanent
31	Audio, video and similar electronic apparatus – Safety requirements	Electric Shock Hazard under Normal Operating Conditions	Clause 9, 9.1; IS 616:2017 / IEC 60065:2014	Permanent
32	Audio, video and similar electronic apparatus – Safety requirements	Electric Shock Hazard under Normal Operating Conditions – General	Clause 9.1.2; IS 616:2017 / IEC 60065:2014	Permanent
33	Audio, video and similar electronic apparatus – Safety requirements	Removal of Protective Covers	Clause 9.2; IS 616:2017 / IEC 60065:2014	Permanent
34	Audio, video and similar electronic apparatus – Safety requirements	Insulation Requirements – Frequencies	Clause 10, 10.1; IS 616:2017 / IEC 60065:2014	Permanent
35	Audio, video and similar electronic apparatus – Safety requirements	Surge Test	Clause 10.2; IS 616:2017 / IEC 60065:2014	Permanent
36	Audio, video and similar electronic apparatus – Safety requirements	Humidity Treatment	Clause 10.3; IS 616:2017 / IEC 60065:2014	Permanent
37	Audio, video and similar electronic apparatus – Safety requirements	Insulation Resistance and Dielectric Strength	Clause 10.4, 10.4.1 & 10.4.2; IS 616:2017 / IEC 60065:2014	Permanent
38	Audio, video and similar electronic apparatus – Safety requirements	Fault Conditions – Electric Shock Hazard	Clause 11, 11.1; IS 616:2017 / IEC 60065:2014	Permanent
39	Audio, video and similar electronic apparatus – Safety requirements	Heating Requirement	Clause 11.2, 11.2.1; IS 616:2017 / IEC 60065:2014	Permanent
40	Audio, video and similar electronic apparatus – Safety requirements	Measurement of Temperature Rises	Clause 11.2.2; IS 616:2017 / IEC 60065:2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
41	Audio, video and similar electronic apparatus – Safety requirements	Accessible Parts	Clause 11.2.2; IS 616:2017 / IEC 60065:2014	Permanent
42	Audio, video and similar electronic apparatus – Safety requirements	Parts other than Windings and Printed Boards Providing Electrical Insulation	Clause 11.2.4; IS 616:2017 / IEC 60065:2014	Permanent
43	Audio, video and similar electronic apparatus – Safety requirements	Parts Acting as a Support or Mechanical Barrier	Clause 11.2.5; IS 616:2017 / IEC 60065:2014	Permanent
44	Audio, video and similar electronic apparatus – Safety requirements	Winding	Clause 11.2.6; IS 616:2017 / IEC 60065:2014	Permanent
45	Audio, video and similar electronic apparatus – Safety requirements	Printed Boards	Clause 11.2.7; IS 616:2017 / IEC 60065:2014	Permanent
46	Audio, video and similar electronic apparatus – Safety requirements	Parts not Subject to a Limit under 11.2.2 to 11.2.7 Inclusive	Clause 11.2.8; IS 616:2017 / IEC 60065:2014	Permanent
47	Audio, video and similar electronic apparatus – Safety requirements	Mechanical Strength – Complete Apparatus Requirement	Clause 12, 12.1, 12.1.1; IS 616:2017 / IEC 60065:2014	Permanent
48	Audio, video and similar electronic apparatus – Safety requirements	Bump Test	Clause 12.1.2; IS 616:2017 / IEC 60065:2014	Permanent
49	Audio, video and similar electronic apparatus – Safety requirements	Vibration Test	Clause 12.1.3; IS 616:2017 / IEC 60065:2014	Permanent
50	Audio, video and similar electronic apparatus – Safety requirements	Impact Test	Clause 12.1.4, 12.7.3.5; IS 616:2017 / IEC 60065:2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
51	Audio, video and similar electronic apparatus – Safety requirements	Drop Test	Clause 12.1.5, 12.7.3.4; IS 616:2017 / IEC 60065:2014	Permanent
52	Audio, video and similar electronic apparatus – Safety requirements	Stress Relief Test	Clause 12.1.6, 12.7.3.2; IS 616:2017 / IEC 60065:2014	Permanent
53	Audio, video and similar electronic apparatus – Safety requirements	Fixing of Actuating Elements	Clause 12.2; IS 616:2017 / IEC 60065:2014	Permanent
54	Audio, video and similar electronic apparatus – Safety requirements	Remote Control Device Held in Hand	Clause 12.3; IS 616:2017 / IEC 60065:2014	Permanent
55	Audio, video and similar electronic apparatus – Safety requirements	Drawers	Clause 12.4; IS 616:2017 / IEC 60065:2014	Permanent
56	Audio, video and similar electronic apparatus – Safety requirements	Antenna Coaxial Sockets Mounted on the Apparatus	Clause 12.5; IS 616:2017 / IEC 60065:2014	Permanent
57	Audio, video and similar electronic apparatus – Safety requirements	Telescopic or Rod Antenna – General Requirements	Clause 12.6, 12.6.1; IS 616:2017 / IEC 60065:2014	Permanent
58	Audio, video and similar electronic apparatus – Safety requirements	Physical Securement	Clause 12.6.2; IS 616:2017 / IEC 60065:2014	Permanent
59	Audio, video and similar electronic apparatus – Safety requirements	Apparatus Containing Coin/Button Cell Batteries	Clause 12.7, 12.7.1, 12.7.2, 12.7.3; IS 616:2017 / IEC 60065:2014	Permanent
60	Audio, video and similar electronic apparatus – Safety requirements	Battery Replacement Test	Clause 12.7.3.3; IS 616:2017 / IEC 60065:2014	Permanent
61	Audio, video and similar electronic apparatus – Safety requirements	Battery Compartment Door/Cover	Clause 12.7.4; IS 616:2017 / IEC 60065:2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
62	Audio, video and similar electronic apparatus – Safety requirements	Clearance and Creepage Distances – General	Clause 13, 13.1, 13.3.1; IS 616:2017 / IEC 60065:2014	Permanent
63	Audio, video and similar electronic apparatus – Safety requirements	Clearance in Circuits Conductively Connected to the Mains	Clause 13.3.2; IS 616:2017 / IEC 60065:2014	Permanent
64	Audio, video and similar electronic apparatus – Safety requirements	Clearance in Circuits not Conductively Connected to the Mains	Clause 13.3.3; IS 616:2017 / IEC 60065:2014	Permanent
65	Audio, video and similar electronic apparatus – Safety requirements	Measurement of Transient Voltages	Clause 13.3.4; IS 616:2017 / IEC 60065:2014	Permanent
66	Audio, video and similar electronic apparatus – Safety requirements	Creepage Distances	Clause 13.4; IS 616:2017 / IEC 60065:2014	Permanent
67	Audio, video and similar electronic apparatus – Safety requirements	Printed Boards	Clause 13.5, 13.5.1, 13.5.2; IS 616:2017 / IEC 60065:2014	Permanent
68	Audio, video and similar electronic apparatus – Safety requirements	Distance between Conductive Parts Filled with Compound	Clause 13.8; IS 616:2017 / IEC 60065:2014	Permanent
69	Audio, video and similar electronic apparatus – Safety requirements	Terminals, Plugs & Sockets	Clause 15, 15.1, 15.1.1; IS 616:2017 / IEC 60065:2014	Permanent
70	Audio, video and similar electronic apparatus – Safety requirements	Connector other than Connecting Mains Power	Clause 15.1.2; IS 616:2017 / IEC 60065:2014	Permanent
71	Audio, video and similar electronic apparatus – Safety requirements	Terminals and Connectors Used in Output Circuit of Supply Apparatus	Clause 15.1.3; IS 616:2017 / IEC 60065:2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
72	Audio, video and similar electronic apparatus – Safety requirements	Provision for Protective Earthing	Clause 15.2; IS 616:2017 / IEC 60065:2014	Permanent
73	Audio, video and similar electronic apparatus – Safety requirements	Terminals for External Flexible Cords and Permanent Connection to the Mains Supply	Clause 15.3; IS 616:2017 / IEC 60065:2014	Permanent
74	Audio, video and similar electronic apparatus – Safety requirements	Devices Forming a Part of the Mains Plug	Clause 15.4, 15.4.1, 15.4.2, 15.4.3; IS 616:2017 / IEC 60065:2014	Permanent
75	Audio, video and similar electronic apparatus – Safety requirements	External Flexible Cord	Clause 16, 16.1; IS 616:2017 / IEC 60065:2014	Permanent
76	Audio, video and similar electronic apparatus – Safety requirements	External Flexible Cord	Clause 16.2; IS 616:2017 / IEC 60065:2014	Permanent
77	Audio, video and similar electronic apparatus – Safety requirements	External Flexible Cord	Clause 16.3; IS 616:2017 / IEC 60065:2014	Permanent
78	Audio, video and similar electronic apparatus – Safety requirements	External Flexible Cord	Clause 16.4; IS 616:2017 / IEC 60065:2014	Permanent
79	Audio, video and similar electronic apparatus – Safety requirements	Cord Anchorage – Push, Pull & Torque	Clause 16.5; IS 616:2017 / IEC 60065:2014	Permanent
80	Audio, video and similar electronic apparatus – Safety requirements	Apertures for External Flexible Cord	Clause 16.6; IS 616:2017 / IEC 60065:2014	Permanent
81	Audio, video and similar electronic apparatus – Safety requirements	Apertures for External Flexible Cord	Clause 16.6; IS 616:2017 / IEC 60065:2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
82	Audio, video and similar electronic apparatus – Safety requirements	Transportable Apparatus	Clause 16.7; IS 616:2017 / IEC 60065:2014	Permanent
83	Audio, video and similar electronic apparatus – Safety requirements	Electrical Connection and Mechanical Fixings	Clause 17, 17.1 to 17.9; IS 616:2017 / IEC 60065:2014	Permanent
84	Audio, video and similar electronic apparatus – Safety requirements	Stability and Mechanical Hazards – Stability Requirement	Clause 19, 19.1; IS 616:2017 / IEC 60065:2014	Permanent
85	Audio, video and similar electronic apparatus – Safety requirements	Test at 10° to the Horizontal	Clause 19.2; IS 616:2017 / IEC 60065:2014	Permanent
86	Audio, video and similar electronic apparatus – Safety requirements	Vertical Force Test	Clause 19.3; IS 616:2017 / IEC 60065:2014	Permanent
87	Audio, video and similar electronic apparatus – Safety requirements	Horizontal Force Test	Clause 19.4; IS 616:2017 / IEC 60065:2014	Permanent
88	Audio, video and similar electronic apparatus – Safety requirements	Test of Edges and Corners	Clause 19.5; IS 616:2017 / IEC 60065:2014	Permanent
89	Audio, video and similar electronic apparatus – Safety requirements	Mechanical Strength of Glass – Requirement	Clause 19.6, 19.6.1; IS 616:2017 / IEC 60065:2014	Permanent
90	Audio, video and similar electronic apparatus – Safety requirements	Fragmentation Test	Clause 19.6.2; IS 616:2017 / IEC 60065:2014	Permanent
91	Audio, video and similar electronic apparatus – Safety requirements	Wall or Ceiling Mounting Means	Clause 19.7, 19.7.1, 19.7.2, 19.7.3; IS 616:2017 / IEC 60065:2014	Permanent
92	Audio, video and similar electronic apparatus – Safety requirements	Resistance to Fire – Requirement	Clause 20, 20.1; IS 616:2017 / IEC 60065:2014	Permanent



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93	Audio, video and similar electronic apparatus – Safety requirements	Electrical Components and Mechanical Parts	Clause 20.2, 20.2.1; IS 616:2017 / IEC 60065:2014	Permanent
94	Audio, video and similar electronic apparatus – Safety requirements	Internal Wiring	Clause 20.2.3; IS 616:2017 / IEC 60065:2014	Permanent
95	Audio, video and similar electronic apparatus – Safety requirements	Components and Parts not Covered by 20.2.2, 20.2.3 and 20.2.4	Clause 20.2.5; IS 616:2017 / IEC 60065:2014	Permanent
96	Audio, video and similar electronic apparatus – Safety requirements	Fire Enclosure	Clause 20.3, 20.3.1; IS 616:2017 / IEC 60065:2014	Permanent
97	Audio, video and similar electronic apparatus – Safety requirements	Ventilation Opening of Enclosure	Clause 20.3.2; IS 616:2017 / IEC 60065:2014	Permanent
98	Audio, video and similar electronic apparatus – Safety requirements	Components as Parts Outside the Internal Fire Enclosure	Clause 20.3.3; IS 616:2017 / IEC 60065:2014	Permanent
Discipline: Electrical, Group: Cell & Batteries				
99	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	General safety considerations	Cl. 5.0, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
100	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety	General	Cl. 5.1, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)			
101	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Insulation & wiring	Cl. 5.2, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
102	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Venting	Cl. 5.3, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
103	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Temperature, voltage and current management	Cl. 5.4, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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	portable applications (Nickel Systems)			
104	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Terminal contacts	Cl. 5.5, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
105	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Assembly of cells into batteries	Cl. 5.6, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
106	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Quality plan	Cl. 5.7, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
107	Secondary cells and batteries containing alkaline or other non-acid	Type test and sample size	Cl. 6.0, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)			
108	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Specific requirements and tests	Cl. 7.0, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
109	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Charging procedure for testing purposes	Cl. 7.1, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
110	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Intended use	Cl. 7.2, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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	portable applications (Nickel Systems)			
111	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Continuous low-rate charging (Cells)	Cl. 7.2.1, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
112	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Vibration	Cl. 7.2.2, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
113	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Case stress at high ambient temperature (Batteries)	Cl. 7.2.3, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
114	Secondary cells and batteries containing alkaline or other non-acid	Temperature cycling	Cl. 7.2.4, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)			
115	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Reasonably foreseeable misuse	Cl. 7.3, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
116	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Incorrect installation (Cell)	Cl. 7.3.1, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
117	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	External short circuit	Cl. 7.3.2, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	portable applications (Nickel Systems)			
118	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Free fall	Cl. 7.3.3, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
119	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Mechanical shock (Crash hazard)	Cl. 7.3.4, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
120	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Thermal abuse (Cell)	Cl. 7.3.5, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
121	Secondary cells and batteries containing alkaline or other non-acid	Crushing of cells	Cl. 7.3.6, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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

Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)			
122	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Low pressure (Cell)	Cl. 7.3.7, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
123	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Overcharge	Cl. 7.3.8, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
124	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Forced discharge (Cell)	Cl. 7.3.9, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	portable applications (Nickel Systems)			
125	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Information for safety	Cl. 8.0, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
126	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	General	Cl. 8.1, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
127	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Small cell and battery safety information	Cl. 8.2, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
128	Secondary cells and batteries containing alkaline or other non-acid	Marking	Cl. 9.0, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)			
129	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Cell marking	Cl. 9.1, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
130	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Battery marking	Cl. 9.2, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
131	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Caution for ingestion of small cells and batteries	Cl. 9.3, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	portable applications (Nickel Systems)			
132	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Other information	Cl. 9.4, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
133	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Nickel Systems)	Packaging	Cl. 9.5, IS 16046 (Part 1):2018 / IEC 62133-1:2017	Permanent
134	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	General safety considerations	Cl. 5.0, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
135	Secondary cells and batteries containing alkaline or other non-acid	General	Cl. 5.1, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)			
136	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Insulation & wiring	Cl. 5.2, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
137	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Venting	Cl. 5.3, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
138	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Temperature, voltage and current management	Cl. 5.4, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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	portable applications (Lithium Systems)			
139	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Terminal contacts	Cl. 5.5, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
140	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Assembly of cells into batteries	Cl. 5.6, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
141	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Quality plan	Cl. 5.7, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
142	Secondary cells and batteries containing alkaline or other non-acid	Battery safety components	Cl. 5.8, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)			
143	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Type test and sample size	Cl. 6.0, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
144	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Specific requirements and tests	Cl. 7.0, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
145	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Charging procedure for testing purposes	Cl. 7.1, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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	portable applications (Lithium Systems)			
146	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Intended use	Cl. 7.2, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
147	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Continuous charging at constant voltage (Cells)	Cl. 7.2.1, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
148	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Case stress at high ambient temperature (Battery)	Cl. 7.2.2, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
149	Secondary cells and batteries containing alkaline or other non-acid	Reasonably foreseeable misuse	Cl. 7.3, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)			
150	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	External short circuit (Cell)	Cl. 7.3.1, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
151	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	External short circuit (Battery)	Cl. 7.3.2, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
152	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Free fall	Cl. 7.3.3, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	portable applications (Lithium Systems)			
153	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Thermal abuse (Cells)	Cl. 7.3.4, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
154	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Crush (Cells)	Cl. 7.3.5, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
155	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Over-charging of battery	Cl. 7.3.6, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
156	Secondary cells and batteries containing alkaline or other non-acid	Forced discharge (Cell)	Cl. 7.3.7, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)			
157	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Mechanical tests (Batteries)	Cl. 7.3.8, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
158	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Vibration	Cl. 7.3.8.1, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
159	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Mechanical shock	Cl. 7.3.8.2, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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	portable applications (Lithium Systems)			
160	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Information for safety	Cl. 8.0, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
161	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	General	Cl. 8.1, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
162	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Small cell and battery safety information	Cl. 8.2, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
163	Secondary cells and batteries containing alkaline or other non-acid	Marking	Cl. 9.0, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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	electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)			
164	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Cell marking	Cl. 9.1, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
165	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Battery marking	Cl. 9.2, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
166	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in	Caution for ingestion of small cells and batteries	Cl. 9.3, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent



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	portable applications (Lithium Systems)			
167	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Other information	Cl. 9.4, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent
168	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells and for batteries made from them for use in portable applications (Lithium Systems)	Packaging and transport	Cl. 10.0, IS 16046 (Part 2):2018 / IEC 62133-2:2017	Permanent

Discipline: Electrical, **Group:** Domestic Electrical Appliances

169	Household and similar electrical appliances	Marking and instructions	Cl. 7.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
170	Household and similar electrical appliances	Protection against access to live parts	Cl. 8.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
171	Household and similar electrical appliances	Power input and current	Cl. 10.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
172	Household and similar electrical appliances	Heating	Cl. 11.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
173	Household and similar electrical appliances	Charging of metal-ion batteries	Cl. 12.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent



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174	Household and similar electrical appliances	Leakage current and electric strength at operating temperature	Cl. 13.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
175	Household and similar electrical appliances	Transient over-voltages	Cl. 14.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
176	Household and similar electrical appliances	Moisture resistance	Cl. 15.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
177	Household and similar electrical appliances	Leakage current and electric strength	Cl. 16.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
178	Household and similar electrical appliances	Overload protection of transformers and associated circuits	Cl. 17.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
179	Household and similar electrical appliances	Abnormal operation	Cl. 19.1, IS 302-1:2024 / IEC 60335-1:2020	Permanent
180	Household and similar electrical appliances	Abnormal operation	Cl. 19.2, IS 302-1:2024 / IEC 60335-1:2020	Permanent
181	Household and similar electrical appliances	Abnormal operation	Cl. 19.3, IS 302-1:2024 / IEC 60335-1:2020	Permanent
182	Household and similar electrical appliances	Abnormal operation	Cl. 19.4, IS 302-1:2024 / IEC 60335-1:2020	Permanent
183	Household and similar electrical appliances	Abnormal operation	Cl. 19.5, IS 302-1:2024 / IEC 60335-1:2020	Permanent
184	Household and similar electrical appliances	Abnormal operation	Cl. 19.6, IS 302-1:2024 / IEC 60335-1:2020	Permanent
185	Household and similar electrical appliances	Abnormal operation	Cl. 19.7, IS 302-1:2024 / IEC 60335-1:2020	Permanent
186	Household and similar electrical appliances	Abnormal operation	Cl. 19.8, IS 302-1:2024 / IEC 60335-1:2020	Permanent
187	Household and similar electrical appliances	Abnormal operation	Cl. 19.9, IS 302-1:2024 / IEC 60335-1:2020	Permanent
188	Household and similar electrical appliances	Abnormal operation	Cl. 19.10, IS 302-1:2024 / IEC 60335-1:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
189	Household and similar electrical appliances	Abnormal operation	Cl. 19.11, IS 302-1:2024 / IEC 60335-1:2020	Permanent
190	Household and similar electrical appliances	Abnormal operation	Cl. 19.12, IS 302-1:2024 / IEC 60335-1:2020	Permanent
191	Household and similar electrical appliances	Abnormal operation	Cl. 19.13, IS 302-1:2024 / IEC 60335-1:2020	Permanent
192	Household and similar electrical appliances	Abnormal operation	Cl. 19.14, IS 302-1:2024 / IEC 60335-1:2020	Permanent
193	Household and similar electrical appliances	Abnormal operation	Cl. 19.15, IS 302-1:2024 / IEC 60335-1:2020	Permanent
194	Household and similar electrical appliances	Abnormal operation	Cl. 19.16, IS 302-1:2024 / IEC 60335-1:2020	Permanent
195	Household and similar electrical appliances	Abnormal operation	Cl. 19.17, IS 302-1:2024 / IEC 60335-1:2020	Permanent
196	Household and similar electrical appliances	Stability and mechanical hazards	Cl. 20.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
197	Household and similar electrical appliances	Mechanical strength	Cl. 21.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
198	Household and similar electrical appliances	Construction	Cl. 22.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
199	Household and similar electrical appliances	Internal wiring	Cl. 23.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
200	Household and similar electrical appliances	Components	Cl. 24.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
201	Household and similar electrical appliances	Supply connection and external flexible cords	Cl. 25.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
202	Household and similar electrical appliances	Terminals for external conductors	Cl. 26.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
203	Household and similar electrical appliances	Provision for earthing	Cl. 27.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
204	Household and similar electrical appliances	Screws and connections	Cl. 28.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
205	Household and similar electrical appliances	Clearances, creepage distances and solid insulation	Cl. 29.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
206	Household and similar electrical appliances	Resistance to heat and fire	Cl. 30.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
207	Household and similar electrical appliances	Resistance to rusting	Cl. 31.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
208	Household and similar electrical appliances	Radiation, toxicity and similar hazards	Cl. 32.0, IS 302-1:2024 / IEC 60335-1:2020	Permanent
209	Household and similar electrical appliances	Routine Test	Annexure A, IS 302-1:2024 / IEC 60335-1:2020	Permanent
210	Household and similar electrical appliances	Battery operated appliances, separable batteries and detachable batteries for battery operated appliances	Annexure B, IS 302-1:2024 / IEC 60335-1:2020	Permanent
211	Household and similar electrical appliances	Ageing test on motors	Annexure C, IS 302-1:2024 / IEC 60335-1:2020	Permanent
212	Household and similar electrical appliances	Thermal motor protectors	Annexure D, IS 302-1:2024 / IEC 60335-1:2020	Permanent
213	Household and similar electrical appliances	Needle flame test	Annexure E, IS 302-1:2024 / IEC 60335-1:2020	Permanent
214	Household and similar electrical appliances	Capacitors	Annexure F, IS 302-1:2024 / IEC 60335-1:2020	Permanent
215	Household and similar electrical appliances	Safety isolating transformers	Annexure G, IS 302-1:2024 / IEC 60335-1:2020	Permanent
216	Household and similar electrical appliances	Switches	Annexure H, IS 302-1:2024 / IEC 60335-1:2020	Permanent
217	Household and similar electrical appliances	Motors having basic insulation that is inadequate for the rated voltage of the appliance	Annexure I, IS 302-1:2024 / IEC 60335-1:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
218	Household and similar electrical appliances	Coated printed circuit boards	Annexure J, IS 302-1:2024 / IEC 60335-1:2020	Permanent
219	Household and similar electrical appliances	Proof tracking test	Annexure N, IS 302-1:2024 / IEC 60335-1:2020	Permanent
220	Household and similar electrical appliances	Software Evaluation	Annexure R, IS 302-1:2024 / IEC 60335-1:2020	Permanent
221	Household and similar electrical appliances	UV-C radiation effect on non-metallic materials	Annexure T, IS 302-1:2024 / IEC 60335-1:2020	Permanent
222	Household and similar electrical appliances	Appliances intended for remote communication through public Network	Annexure U, IS 302-1:2024 / IEC 60335-1:2020	Permanent
Discipline: Electronics, Group: EMC Test Facility				
223	Automotive products, Sub-Assemblies	Conducted Transient Emission	Clause 4.13 of ISO 16750-2:2023, ISO 16750-2:2023 ,	Permanent
224	Household Appliances, Electric Tools and Similar Apparatus	Conducted Disturbance Power	IS 6873 : PART 2 : SEC 1:2024 /CISPR 14-1:2020: 2020	Permanent
225	Household Appliances, Electric Tools and Similar Apparatus	Conducted Emission Test	IS 6873 : PART 2 : SEC 1 :2024 IS 6873-5:1999 , IS 6873-3:2024:2015/ IS 6873-7: 2012	Permanent
226	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring	Conducted Emission Test	EN 60601-1-2 : 2015 + A1:2021:2015/A1:2021, 3GPP 36.113:2025:2025, 3GPP 37.113:2026:2026, 3GPP 38.113:2026:2026, EN 136.113:2025:2026, EN 137.113:2026:2026, ETSI TS 138 113 V16.3.0 (2021-04), EN 50155:2021:2026,EN IEC 61000-6-3:2026:2021+ Amd. 1: 2024, EN 50083-2: 2013, EN 61000-6-4:2019:2019:	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks		2019, EN 61326-1 : 2021:2021, EN 62040-2:2018 , EN 62052-11: 2022, [ETSI EN 303 213-2 V2.1.1 (2020-06)](https://www.etsi.org/deliver/etsi_en/303200_303299/30321302/02.01.01_60/en_30321302v020101p.pdf), EN 301 489-1 — V2.2.3 — 2019, ETSI EN 300 386:2016 V2.2.1 (2022-09), EN 301 090 V1.1.1 (1998-09), ETSI EN 301 489-1:2019 V2.2.3 (2021-11), ETSI EN 301 489-3:2023 V2.3.2 (2023-01), ETSI EN 301 489-1:20197 V3.3.1 (2024-09), ETSI EN 300 328:2019 V2.1.1 (2019-07) 47 CFR Ch. 1 (Part 15):2026 47 CFR Ch. 1 (Part 15):2026 47 CFR Part 15 Subpart B:2026, ICES 005:2024, ICES 003:2020	
227	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV	Conducted Emission Test	CISPR 11:2024 CISPR 14-1:2020 CISPR 32:2015+A1 2019 , CISPR 25:2021, CISPR 32:2015+A1 2019, EN 12015:2020,EN 55011:2020, EN 55014-1:2021: EN 55015:2019+A11 2020:2021, EN 55022:2010+AC 2011, EN 50561-1:2013, EN 55032:2020:2015/A11:2020, EN IEC 55025:2022 EN 55103-1:2009 +Amd. 1:2012, EN 50370-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks		1:2005(Withdrawn), EN 60601-1-2 : 2015 +A1:2021	
228	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	IEC 60974-10:2020 :2020+A1:2023, IEC 60255-26:2023, IEC 60571:2012, IEC 62236:2018-3- 2(Edition 2.0):2018 (12), EN 50121-3-1:2019 , EN 50121-3-2:2019, CISPR 13:+AMD1: 2006 (Withdrawn), MIL 461 E,F & G:1999,2007,2015, CE 101,102, IEC 60870-2-1 : 1996:2012, ETSI EN 302 502:2017 V2.1.1(03): 2017	Permanent
229	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway	Conducted Emission Test	ITU-T K.136,137 ,ITU-T K.60:07/2023, ITU-T K.63:12/25, SAE J1113/1: 10-01, AIS-004 (Part 1): AIS-004 (Part 2):Amd.1 (09), AIS-004 (Part 3):2009 Amd.2:2022 , AIS-049 (Rev.1):2016, IEC 61851-21- 2:2018, ICES-001 Issue 4, June(UPDATED - NOVEMBER) ICES-003 Issue 5, ICES-003 Issue 6, January (Updated-June) ICES- 005 Issue 3, ICES-005 Issue 4,	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks		TEC/EM 001/01/FEB-09 TEC/S: 2016	
230	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	IEC 60601-1-2:2014+A1 2020, IEC 61000-6-3:2006 (Edition 2.1) Consol. with Amd. 1 :2010 (Withdrawn), IEC 61000-6-4:2018 , IEC 61326-1:2020, IEC 62040-2:2016, IEC 62052-11:2020, IEC 62053- 21:2020), CISPR 11:2024 (CMV), IEC 60601-1-2:2014+A1 2020 IEC 60601-1-2:2014+A1 2020 IEC 61000-6-3:2026 (Edition 2.1) Consol. with Amd. 1 (02) IEC 61000-6-4:2018 (Edition 2.1) Consol. with Amd. 1 (02), IEC 61326-1 (Edition2.0) (07), IEC 62040-2:2016:2016, IEC 62052- 11:+AMD1: (Edition 1.1), CISPR 11:2024	Permanent
231	Lamps & Luminaries	Conducted Emission Test	IS 6873-5:2019 Re.2022 , EN / IEC 61547:2020:2023, IEC/EN 55015:2019+A11 2020:2019+A11 2020, CIPSR 15: 2018+A1:2024	Permanent
232	Military and Defense Electrical &Electronics products	Conducted Emission Test	MIL 461 C,D,E,F,G CE 106: 2015	Permanent
233	Receivers used on Board Vehicles, Boats and Internal Combustion Engines	Conducted Emission Test	IS 15040:2001 /CISPR 25:2021: 2021	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
234	vehicles, boats and internal combustion engines	Conducted Emission Test	IS 6873-5:2019 Re.2022 /CISPR 12:2025: 2025	Permanent
235	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	CISPR 14-2:2020 (Edition 1.2) Consol. with Amd. 1 &2 (07) CISPR 14-2:2020 (Edition 2.0) (02) EN 61000-4-6 : EN 12016: EN 50121-4:2019:2016+a1:2019, :2003, EN 55014-2 : 2021 :2021, EN 55014- 2: , EN 55024 : 2010 + AC:2011 \:EN 55024 : 2010 + AC:2011:+A1: EN 55103-2:2009 \:EN 50130-4 : 2011 + A1:2014: EN 50130-4 : 2011 + A1:2014:2011+A1: 2014, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212015 +A1:2021, EN 60601- 1-2: EN 55035 : 2017+A11:2020 VCCI CISPR 32:2015+A1 2019:2015+A1:2019	Permanent
236	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway	Conducted Emission Test	EN 61000-6-1 : 2019 :2019, IEC 61851-21-2:2018, EN 61000-6- 2:2019 , EN 61326-1 : 2021:2020, EN 61496-1:2020, EN 61547 : 2009 + A1:2010:2023, EN 62040-2 :2018, EN 62052-11:2021, EN 62053-21:2021, EN 300 339 V1.1.1 (1998-06), ETSI EN 300 386:2016 V2.2.1 (2022-09), EN 301 090 V1.1.1 (1998-09), ETSI EN 301 489-1:2019 V2.2.0 (03) ETSI EN 301 489-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks		3:2023 V1.6.1 (08) GR-1089-CORE, Issue 5, AugustGR-1089- CORE: Issue 6, MayGR-1089-CORE, Issue 5, AugustGR-1089- CORE \:Issue 6, May ETSI EN 301 489-1:20197 V3.2.0 (03): 2017	
237	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	ISO 11452-4:2020 EN 50155:2021:2026, ITU-T K.43 (07) ITU-T, K.48 (09) SAE J1113/4: (04), AIS-004 (Part 2)\:Amd.1 (09) AIS-004 (Part 3)\:Amd.2 (05) TEC/EMI/TEL-001/01/FEB-09, TEC/SD/DD/EMC 221/05/OCT-16, IEC 60974-10:2020 (Edition 3.1) (06) IEC 60255-26:2023:2023(Edition 3.0) (05), IEC 61000-6-5:2015(Edition 1.0) (08) IEC 62236:2018-3-2(Edition 2.0) (12) EN 50121-3:2019:2: 2016+A1:2019, CISPR 35 :2016, FCC 15B :47 cfr part 15 subpart b	Permanent
238	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless	Electric Fast Transient (EFT) / Burst Test	IS 14700 : Part 4 : Sec 4:2018 /IEC 61000-4-4:2012, 3GPP 36.113:2025,37.113:2026,38.113:2026, EN 136.113:2025,EN 137.113:2026, ETSI TS 138 113 V16.3.0 (2021-04),IS 15039 : 2018	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks			
239	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electric Fast Transient (EFT) / Burst Test	EN 55103-2:2009 :2009, IEC 61851-21-2:2018, EN 50130-4 : 2011 + A1:2014:2011, EN 50130-4 : 2011 + A1:2014:2011 + A1: 2014, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212015+ A1:2021, EN 61000-6-1 : 2019:2019, EN 61000-6-2 : 2019 :2019, EN 61326-1 : 2021:, EN 61496-1:2013, EN 61547 : 2009 + A1:2010: 2020, EN 62040-2 \:EN 62052-11: V1.1.1 (06)ETSI EN 300 386:2016 V2.1.1 (07), . V1.1.1 (09), ETSI EN 301 489-1:2019 V2.2.0 (03): 2017	Permanent
240	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive /	Electric Fast Transient (EFT) / Burst Test	ETSI EN 301 489-3:2023 V2.3.1:2022-11, ETSI EN301 489-17 V3.3.1:2024-09 GR-1089-CORE, Issue 5, AugustGR-1089- CORE, Issue 5, AugustGR-1089- CORE: Issue 6, May ITU-T K.136:11/22 ITU-T K.137:01/22 ITU-T K.63	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks		(12:2025) TEC/EMI/TEL-001/01/FEB-09, TEC/SD/DD/EMC 221/05/OCT-16 IEC 60974-10:2020 (Edition 3.1) (06) IEC 60255-26:2023:2023(Edition 3.0) (05) IEC 61000-6-5:2015 (Edition 1.0) (08) IEC 60571:2012 (Edition 3.0) (09) IEC 62236:2018-3-2(Edition 2.0) (12), EN 50121-3-1:2019 EN 50121-3-2:2019:2016+a1:2019, CISPR 35 :2016	
241	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electric Fast Transient (EFT) / Burst Test	IEC 61000-4-4 (Edition 3.0):2012 IEC 60601-1-2 (Edition 4.1):2014+A1:2020 IEC 60601-1-2 (Edition 4.1):2014+A1:2020 EN 50155:2021:2026, IEC 61000-6-1 (Edition 3.0):2016 IEC 61326-1: 2020, (Edition 2.0) IEC 61496-1:2022 (Edition 4.0) IEC 61547:2020:2020 IEC 62040-2:2016 (Edition 3.0):2016 IEC 62052-11:2020:2020 IEC 62053-21:2020:2020	Permanent
242	IT Products / Domestic/ Industrial Automation /Scientific / Medical	Electrostatic Discharge Immunity Test	IS 14700 : Part 4 : Sec 2 :2018, IEC 61000-4-2:2025,3GPP	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	/Aerospace /Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products / Lighting products/ Measuring relays/ Power station/Multimedia equipment		36.113:2025:2026, 37.113:2026:2026,38.113:2026:2026, EN 136.113:2025:2026, EN 137.113:2026:2026, ETSI TS 138 113 V16.3.0 (2021-04),IS 15039: 2018	
243	IT Products / Domestic/ Industrial Automation /Scientific / Medical /Aerospace /Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products / Lighting products/ Measuring relays/ Power station/Multimedia equipment	Electrostatic Discharge Immunity Test	CISPR 14-2:2020 (Edition 1.2) Consol. with Amd. 1 & 2 (07) CISPR 14-2:2020 (Edition 2.0) (2020) IEC 61851-21-2:2018, EN 12016:2013 EN 61000-4-2 :2026 EN 50121-3-1:2019 EN 50121-3-2:2019:2017+A1:2019 EN 50121-4:2019:2016+A1 2019 EN 50130-4 : 2011 + A1:2014:2011+A1:2014 :2004 EN 55014-2 : 2021:2021 IS 13450 (Part 2 / Sec 50):2022/ IEC 60601-2-50:2020	Permanent
244	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless	Electrostatic Discharge Immunity Test	EN 55024 : 2010 + AC:2011:2010+A1:2015, EN 50155:2021:2021, EN 50083-2:2012+A1:2015, EN 55024 : 2010 + AC:2011:+A1: 2015, EN 55103-2:2009:2009, EN 60601-1-2 : 2015 + A1:2021:2015+A1:2021/AC:E N 60601-1-2 : 2015 + A1:2021:2015+A1:2021EN	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks		61000- 6-1 \:EN 61000- 6-2:2019 ;, EN 61326-1 : 2021; , EN 61340-3- 1; , EN 61496-1; , EN 61547 : 2009 + A1:2010; , EN 62040-2; , EN 62052-11: V1.1.1 (06) ETSI EN 300 386:2016 V2.1.1 (07), . V1.1.1 (09) ETSI EN 301 489-1:2019 V2.2.0 (03), ETSI EN 301 489-3:2023 V1.6.1 (08), ETSI EN 301 489-1:20197 V3.2.0 (03): 2017,	
245	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	IEC 61000-4-2:2025, IEC 61000-4-2:2008 (Withdrawn), IEC 60601-1-2:2014+AMD1:2020 ,IEC 61000-6-1:2016,IEC 61326-1:2020 IEC 61496-1:2022:2020, K 20:2022, K 21:2026, K 44, K 47 IEC 62040-2:2016:2020 IEC 62052-11:2020:2020 IEC 62053-21:2020:2020	Permanent
246	Military and Defense Electrical and Electronics Products	Electrostatic Discharge Immunity Test	MIL 461 G, CS 118: 2018	Permanent
247	IT Products / Domestic/ Industrial	Surge Immunity Test	IS 14700 : Part 4 : Sec 5 :2019, IEC 61000-4-	Permanent



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	Automation/Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment		5:2014+A1:2017, 3GPP 36.113:2025:2026, 37.113:2026:2026,38.113:2026:2026, EN 136.113:2025:2026,EN 137.113:2026:2026, ETSI TS 138 113 V16.3.0 (2021-04), IS15039: 2018, IS 13450 (Part 2 / Sec 50):2022/ IEC 60601-2-50:2020	
248	IT Products / Domestic / Industrial Automation / Scientific / Medical / Aerospace / Automotive / Defense / Telecom / Consumer / Household / Machinery /Test and Measurement / Laboratory / Locomotive / RF Products / Wireless Products/ Lighting products/ Arc Welding Equipment/ Measuring relays/ Power station/ Railway application/ Multimedia equipment/ Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	CISPR 14-2:2020: 2020, IEC 61851-21-2 :2018, CISPR 14-2:2020:2020 , CISPR 35:2016, EN 61000-4-5:2014+A1:2017, EN 12016: 2013, EN 50121-4:2019:2016+A1:2019, :2003, EN 55014-2 : 2021:2021, EN 55014- 2:2021, EN 55024 : 2010 + AC:2011:2010+A1:2015, EN 55024 : 2010 + AC:2011:+A1: EN 55103-2:2009\EN 55035: 2017	Permanent
249	IT Products / Domestic / Industrial Automation / Scientific / Medical / Aerospace / Automotive /	High Energy / Telecom Surge Immunity Test	EN 60601-1-2 : 2015 \+ A1:2021:2015+A1:2021, EN 61000- 6-1:2019, EN 61000-6-2 : 2019:2019, EN 50130-	Permanent



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	Defense / Telecom / Consumer / Household / Machinery /Test and Measurement / Laboratory / Locomotive / RF Products / Wireless Products/ Lighting products/ Arc Welding Equipment/ Measuring relays/ Power station/ Railway application/ Multimedia equipment/ Relay systems/ Lifts Elevators and Moving walks		4:2011, EN 50130-4 : 2011 + A1:2014:2011+A1:2019, EN 50155:2021:2021, EN 61326-1 : 2021\EN61496-1\EN 61547 : 2009 + A1:2010\EN 62040-2:2018, EN 62052-11:2021, V1.1.1 (06), ETSI EN 300 386:2016 V2.1.1 (07) . V1.1.1 (09) ETSI EN 301 489-1:2019 V2.2.0 (03), ETSI EN 301 489-3:2023 V1.6.1 (08) ETSI EN 301 489-1:2019 V3.2.0 (03):2017	
250	IT Products / Domestic / Industrial Automation / Scientific / Medical / Aerospace / Automotive / Defense / Telecom / Consumer / Household / Machinery /Test and Measurement / Laboratory / Locomotive / RF Products / Wireless Products/ Lighting products/ Arc Welding Equipment/ Measuring relays/ Power station/ Railway application/ Multimedia equipment/ Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	GR-1089-CORE, Issue 7, GR-1089- CORE: Issue 7, ITU-T K.20:2022 ITU-T K.21 (2026) ITU-T K.44:2019 ITU-T K.45:2022 TEC/EMI/TEL-001/01/FEB- , TEC/SD/DD/EMC 221/05/OCT-2016, IEC 60974-10:2020 (Edition 3.1) (06), EN 55015:2019+A11 2020:2019, IEC 60255-26:2023:2023(Edition 3.0) (05), IEC 61000-6-5:2015 (Edition 1.0) (08) IEC 60571:2012 (Edition 3.0)(09), IEC 62236:2018-3- 2(Edition 2.0) (12) , EN50121-3-2:2016+A1:2019, IEC 60870-2-1 : 1996(Edition 2.0) (12), IEEE Std C6: 2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
251	Any Electrical /Electronic Product With DC Power Port	Voltage Dips Short Interruption & Voltage Variations Immunity Test on D.C. input power port immunity tests	IEC 61000-4-29:2026, IEC 61000-4-29:2000 (Revised) IS 147000-4-29: 2008, CISPR 35:2016, , EN 55014-2 : 2021:2021, CISPR 14-2:2020, EN 61000-6-1 : 2019 , EN 61000-6-2 : 2019: IEC 61000-6-1:2016, IEC 61000-6-2:2016, TEC/SD/DD/EMC 221-05/OCT-16, EN 55035: 2023, IS 13450 (Part 2 / Sec 50):2022/ IEC 60601-2-50:2020	Permanent
252	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMEN LIGHTING CONTROL APPARATUS	Conducted emission test	EN 55103-1:2009+A1:2012, EN 50083-2: 2023, IS 18112:2025	Permanent
253	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMEN LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	Conducted disturbances, induced by radio-frequency fields Immunity Test	EN 55103-2:2009:2009, EN 50130-4 : 2011 + A1:2014:2011+A1:2014, EN 50083-2: 2023, IS 13450 (Part 2 / Sec 50):2022/ IEC 60601-2-50:2020	Permanent
254	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMEN LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV,	Electric Fast Transients	EN 55103-2:2009:2009, EN 50130-4 : 2011 + A1:2014:2011+A1:2014, EN 50083-2: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services			
255	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	Electrostatic Discharge Immunity Test	EN 55103-2:2009:2009, EN 50130-4 : 2011 + A1:2014:2011+A1:2014, EN 50083-2: 2023	Permanent
256	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	RF Radiated Susceptibility Test	EN 55103-2:2009:2009, EN 50130-4 : 2011 + A1:2014:2011+A1:2014, EN 50083-2: 2023	Permanent
257	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable	Surge Immunity Test	EN 55103-2:2009:2009, EN 50130-4 : 2011 + A1:2014:2011+A1:2014, EN 50083-2: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	networks for television signals, sound signals and interactive services			
258	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	Voltage dips, short interruptions and voltage variations Immunity test	EN 55103-2:2009:2009, EN 50130-4 : 2011 + A1:2014:2011+A1:2014, EN 50083-2: 2023, IS 13450 (Part 2 / Sec 50):2022/ IEC 60601-2-50:2020	Permanent
259	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	Radiated emission test	EN 55103-1:2009+A1:2012, EN 50083-2: 2023, IS 18112:2025, VCCI CISPR 32:2015+A1 2019:2019	Permanent
260	Cable networks for television signals, sound signals and interactive services	Harmonic current emissions	EN 50083-2: 2023	Permanent
261	Cable networks for television signals, sound signals and interactive services	Voltage Fluctuations and Flicker	EN 50083-2: 2023	Permanent
262	Consumers and House Hold Products	Radiated RF Power Disturbance	CISPR 16-2-2, IS 6873-2-1, CISPR 14-1:2020, EN 55014-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			1:2021: 2023, IS 13450 (Part 2 / Sec 50):2022/ IEC 60601-2-50:2020	
263	Consumers and House Hold Products	Voltage dips, short interruptions and voltage variations Immunity test	:1998, ETSI EN 300 386:2016:2025, :1998, ETSI EN 301489-1:2019, ETSI EN 301 489-3:2023:2023, ETSI EN 301 489-1:2019:2024, ETSI EN 301489-13:2025, ETSI EN 301 489-5 : V2.3.1 : 20250:2021,ITU- T K.43 (07/2009) ITU-T K.48 (09/2006) TEC/EMI/TEL-001/01/FEB-09,TEC/SD/DD/EMC-221/05/OCT-16 IEC 60974-10, IEC 60255- 26, IEC 61000-6-5:2015, IEC 60870-2-1 : 1996:2023	Permanent
264	Electric vehicle conductive charging system	Bulk Current Injection (BCI)	IEC 61851-21-1:2017, EN 61851-21-1:2017:2023	Permanent
265	Electric vehicle conductive charging system	Conducted disturbances, induced by radio-frequency fields Immunity Test	IEC 61851-21-2:2018, EN 61851-21-2:2021:2021, AIS 138 part 1:2017:2017, AIS 138 part 2:2018:2018:2018, IS 17017-21-2:2019:2019,IS 17017-21-1: 2023	Permanent
266	Electric vehicle conductive charging system	Conducted Emission	AIS 138- 1:2017, AIS 138-2:2018, IEC 61851-21-1:2017, IS 17017:2019, IEC 61851-21-2:2023	Permanent
267	Electric vehicle conductive charging system	Conducted Emission	IEC 61851-21-2:2018 ,IEC 61851-21-1:2021, EN 61851-21-2:2021:2021,EN 61851-21-1:2017:2017, AIS 138 part	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			1:2017:2017,AIS 138 part 2:2018:2018:2018, IS 17017- 21-2:2019:2019,IS 17017-21- 1:2023	
268	Electric vehicle conductive charging system	Conducted Immunity	IEC 61851-21-1:2017, EN 61851-21-1:2017:2023	Permanent
269	Electric vehicle conductive charging system	Conducted Immunity	IEC 61851-21-2:2018, IEC 61851-21-1: 2017	Permanent
270	Electric vehicle conductive charging system	Conducted Transient Emissions on Power Leads	IEC 61851-21-1:2017, EN 61851-21-1:2017:2023	Permanent
271	Electric vehicle conductive charging system	Electric Fast Transients	EN 61851-21-2:2021:2021,IEC 61851-21-1:2017,EN 61851-21-1:2017:2017,AIS 138 part 1:2017,AIS 138 part 2:2018:2018,IS 17017-21-2:2019,IS 17017-21-1:2023	Permanent
272	Electric vehicle conductive charging system	Electrical fast transient (EFT) / Burst Immunity Test (EFT)	AIS 138-1, AIS 138-2, IEC 61851-21-1:2017, IEC 61851-21-2:2018, IS 17017 Part 1:2018 ,IS 14700: Part 4 : Sec 4:2008,IEC 60870-2-1 : 1996:2023	Permanent
273	Electric vehicle conductive charging system	Electrostatic Discharge Immunity Test	IEC 61851-21-1:2017,IEC 61851-21-2:2018, IS 17017 Part 1:2018, AIS 138-2, AIS 138-1,ECER 10-6:2025,ECER 10-5:2023	Permanent
274	Electric vehicle conductive charging system	Electrostatic Discharge Immunity Test	IEC 61851-21-2:2018, BS EN IEC 61851-21-2:2021,AIS 138 part 1:2017,AIS 138 part 2:2018:2018,IS 17017-21-2:2019:2019,IS 17017-21-1:2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
275	Electric vehicle conductive charging system	Harmonic current emissions	AIS 138-1, AIS 138-2, IEC 61851-21-1:2017, IEC 61851-21-2:2017, IS17017: 2023	Permanent
276	Electric vehicle conductive charging system	Harmonic current emissions	IEC 61851-21-2:2018, IEC 61851-21-1:2017, EN IEC 61851-21-2:2021, BS EN 61851-21-1:2017:2017, AIS 138 part 1:2017, AIS 138 part 2:2018:2018, IS 17017-21-2:2019:2019, IS 17017-21-1:2023	Permanent
277	Electric vehicle conductive charging system	High Energy / Telecom Surge Immunity Test	# AIS 138-1, AIS138-2, IS 17017, IEC 61851-21-1:2017, IEC 61851-21-2:2018, EN IEC 61851-21-2:2021, BS EN IEC 61851-21-2:2021	Permanent
278	Electric vehicle conductive charging system	Power Frequency Magnetic field Immunity test	IEC 61851-21-2:2018, BS EN IEC 61851-21-2:2021, AIS 138 part 1:2017, AIS 138 part 2:2018:2018, IS 17017-21-2:2019, IS 17017-21-1:2023, IS 13450 (Part 2 / Sec 50):2022/ IEC 60601-2-50:2020	Permanent
279	Electric vehicle conductive charging system	Power Frequency Magnetic field Immunity test	# IEC 61851-21-1:2017, IEC 61851-21-2:2018, BS EN IEC 61851-21-2:2021, BS EN 61851-21-1:2017:2017, IS 17017-22-1:2021, IS 17017-21-2:2019:2023	Permanent
280	Electric vehicle conductive charging system	Radiated susceptibility	AIS 138-1, AIS138-2, IEC 61851-21-1:2017, IS 17017-22-1:2021, IS 17017-21-2:2019:2023, IEC 61851-21-2:2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
281	Electric vehicle conductive charging system	Radiated Emission	AIS 138-1, AIS 138-2, IEC 61851-21-1:2017, IEC 61851-21-2:2018, IS 17017: 2023	Permanent
282	Electric vehicle conductive charging system	Radiated Emission	IEC 61851-21-2:2018, IEC 61851-21-1:2017, EN 61851-21-2:2021:2018, EN 61851-21-1:2017:2021, AIS 138 part 1:2017:2017, AIS 138 part 2:2018:2018, IS 17017-21-2:2019, IS 17017-21-1:2023	Permanent
283	Electric vehicle conductive charging system	Radiated radio frequency electromagnetic Field Immunity Test	IEC 61851-21-2:2018, IEC 61851-21-1:2017, EN 61851-21-2:2021:2018, EN 61851-21-1:2017:2021, AIS 138 part 1:2017, AIS 138 part 2:2018:2018, IS 17017-21-2:2019, IS 17017-21-1:2023	Permanent
284	Electric vehicle conductive charging system	surge immunity test	AIS 138-1:2017 AIS 138-2:2018 IS 17017-21-1:2023, IS 17017-21-2:2019, IEC 61851-21-1:2017, IEC 61851-21-2:2018	Permanent
285	Electric vehicle conductive charging system	surge immunity test	IEC 61851-21-2:2018, IEC 61851-21-1:2017, EN 61851-21-2:2021, EN 61851-21-1:2017, AIS 138 part 1:2017, AIS 138 part 2:2018:2018, IS 17017-21-2:2019, IS 17017-21-1:2023	Permanent
286	Electric vehicle conductive charging system	Voltage dips, short interruptions and voltage variations Immunity test	IEC 61851-21-2:2018, EN 61851-21-2:2021, AIS 138 part 1:2017, AIS 138 part 2:2018:2018, IS 17017-21-2:2019, IS 17017-21-1:2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
287	Electric vehicle conductive charging system	Voltage dips, short interruptions and voltage variations Immunity test	IEC 61851-21-2:2018, IEC 61851-21-1:2017, EN 61851-21-2:2021, EN 61851-21-1:2017, AIS 138 part 1:2017, AIS 138 part 2:2018:2018, IS 17017-21-2:2019, IS 17017-21-1:2023	Permanent
288	Electric vehicle conductive charging system	Voltage Fluctuations and Flicker	AIS 138-1:2017, AIS138-2:2018, IEC 61851-21-1:2017, IEC 61851-21-2018, IS17017:2023	Permanent
289	Electric vehicle conductive charging system	Voltage Fluctuations and Flicker	EN 61851-21-2:2021, EN 61851-21-1:2017, AIS 138 part 1:2017, AIS 138 part 2:2018:2018, IS 17017-21-2:2019, IS 17017-21-1:2023	Permanent
290	Electrical lighting and similar equipment	Radiated electromagnetic disturbances	IS 16102 Part 2: 2026 Cl. 8.4 (Ref. IS 6873-5:2010): 2023	Permanent
291	Electrical lighting and similar equipment	Harmonic current emissions	IS 16102 Part 2: 2026, Cl. 8.3 (Ref. IS 6873-5:2010)	Permanent
292	Electrical lighting and similar equipment	Conducted disturbance at mains terminal	IS 16102 Part 2: 2026 Cl. 8.4 (Ref. IS 6873-5:2010)	Permanent
293	Electrical/Electronics Automotive components	electric fast transients	ECER 10.5:2014, ECER 10.6:2019, AIS 004-3:2022 Rev. 1.: 2023	Permanent
294	Electrical/Electronics Automotive components	Electrostatic Discharge Immunity Test	ISO 13766-2:2018, ISO 13766-1:2018, EN 13309:2021, SAE J1113-13:2015, 076, ECER 10.5:2014, ECER10.6:2025, AIS 004-3:2022, SAE J551/15:2015- 09: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
295	Electrical/Electronics Automotive components	Harmonic current emissions	ECER 10-6:2025, AIS 004 Part 3:2022:2022Rev.1, ECER 10-5:2023	Permanent
296	Electrical/Electronics Automotive components	RF Radiated Susceptibility Test	AIS 004-3:2022 Rev.1, ECER 10.5:2014, ECER 10.6:2019, EN 13309:2021:2020, ISO 13766-1:2018, ISO13766-2:2018 IISO11452-2:2025, IS 16833:2020, EN 13309:2021, AIS 076:2023, AIS 145:2017, AIS 140:2018, AIS 153:2020	Permanent
297	Electrical/Electronics Automotive components	Surge Immunity Test	ECER 10.5:2014, ECER 10.6:2019, AIS 004-3:2022	Permanent
298	Electrical/Electronics Automotive components	Voltage Dips & interruption	ECER 10.5:2014, ECER 10.6:2019, AIS 004-3:2022	Permanent
299	Electrical/Electronics Automotive components	Voltage Fluctuations and Flicker	ECER 10.5:2014, ECER 10.6:2019, AIS 004-3:2022 Rev 1:2023	Permanent
300	Electrical/Electronic sub assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerc building construction machinery, agricultural vehicles, Intelligent transport system (ITS) equipment, Reverse parking alert system, Reverse parking alert system(RPAS), Vehicle alarm systems and immobilizers & Vehicle location tracking with emergency button	Bulk Current Injection (BCI)	SAE J1113-4AIS 004 (Part 3)ECE R10-05, ECE R10.6:2025EN 13309:2021:2020, ISO 13766-2:2018, ISO 13766-1:2018, AIS 153:2020 , AIS 145:2017 , AIS 140:2018, AIS 076:2023, IS16833:2020:2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
301	Electrical/Electronic sub assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerc building construction machinery, agricultural vehicles, Intelligent transport system (ITS) equipment, Reverse parking alert system, Reverse parking alert system(RPAS), Vehicle alarm systems and immobilizers & Vehicle location tracking with emergency button	Bulk Current Injection (BCI)	ISO 11452-4: 2011, SAE J1113-4: (2014-04), AIS 004 (Part 3): 2009+Amd. 1:2015, ECE R10-05: 2014 Amd.1:2016, ECE R10.6:2025, EN 13309:2021:2020 , ISO 13766-2:2018, ISO 13766-1:2018, AIS 153:2020 as amended upto Apr'19 , AIS 145:2017 as amended upto Jul'19 AIS 140:2018 as amended upto Dec'18, AIS 076:2023	Permanent
302	Electrical/Electronic sub assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerce building construction machinery, agricultural vehicles, Intelligent transport system (ITS) equipment, Reverse parking alert system, Reverse parking alert system (RPAS), Vehicle alarm systems and immobilizers & Vehicle location tracking with emergency button	Conducted Immunity	AIS 004 (Part 3)\ECE R10-05, ECE R10.6:2025, EN 13309:2021:2020 , ISO 13766-2:2018, ISO 13766-1:2018, AIS 153:2020 , AIS 145:2017 , AIS 140:2018 , AIS 076:2023 IS 16833:2020:2023	Permanent
303	Electrical/Electronic sub assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerce	Conducted Immunity	ISO 7637-2:2011:2011:2011, ISO 7637-3, AIS 004 (Part 3): 2009+Amd. 1:2015, ECE R10-05: 2014 Amd.1:2016, ECE	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	building construction machinery, agricultural vehicles, Intelligent transport system (ITS) equipment, Reverse parking alert system, Reverse parking alert system(RPAS), Vehicle alarm systems and immobilizers & Vehicle location tracking with emergency button		R10.6:2025, EN 13309:2021:2020 , ISO13766-2, ISO 13766-1:2018, AIS 153:2020 as amended upto Apr'19 , AIS 145:2017 as ammended upto Jul'19 AIS 140:2018 as ammneded upto Dec'18, : 2023 AIS 076:2023	
304	Electrical/Electron sub-assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerce & agricultural vehicles	Conducted emission Test	ECER 10.5:2014,ECER 10.6:2019, AIS004-3 Rev.1, SAE J1113/1:2023	Permanent
305	Electrical/Electron sub-assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerce & agricultural vehicles	Conducted emission Test	ECER 10.5:2014,ECER 10.6:2019, AIS 004-3:2022 Rev. 1, IS 16833:2020, CISPR25 (Ed. 4.0):2023	Permanent
306	Electrical/Electron sub-assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerce construction machinery, agricultural vehicles & Vehicle alarm systems and immobilizers	Electrostatic Discharge (ESD) test	ISO 10605:2023, ISO 10605:2008 (Withdrawn), EN 13309:2021, ISO 13766-1:2018, ISO 13766-2:2018, AIS 076:2023	Permanent
307	Electrical/Electron sub-assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerce construction machinery,	Electrostatic Discharge (ESD) test	ISO 13766-2:2018, ISO 13766-1:2018, EN 13309:2021:2020, SAE J1113-13:2015, AIS 076:2023, SAE J551/15:2015- 09: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	agricultural vehicles & Vehicle alarm systems and immobilizers			
308	Electrical/Electron sub-assemblies fitted in 2/3/4 wheeler passenger vehicles, commerce & agricultural vehicles	Electrical transient conduction immunity test	ECER 10-6:2025, AIS004 Part 3 Rev.1, ECER 10-6:2025, ISO 7637-1, ISO 7637-2:2011:2011, ISO7637-3:2016, ISO7637-4: 2023	Permanent
309	Electrical/Electron sub-assemblies fitted in 2/3/4 wheeler passenger vehicles, commerce & agricultural vehicles	Harmonic current emissions	ECER 10-6:2025, AIS 004 Part 3:2022:2022ECER 10-5:2023	Permanent
310	Electrical/Electron sub-assemblies fitted in 2/3/4 wheeler passenger vehicles, commerce & agricultural vehicles	Voltage Fluctuations and Flicker	ECER 10-6:2025, AIS 004 Part 3:2022, ECER 10-5: 2023	Permanent
311	Electrical/Electron sub-assemblies in earthmoving & building construction machinery	Conducted Transient Emissions on Power Leads	ISO 13766-1:2018, EN 13309:2021:2020: 2023	Permanent
312	Electrical/Electron sub-assemblies, Lifts Elevators, 2W, 3W and Moving walks, Reverse parking alert system (RPAS), Vehicle alarm system and immobilizers, Intelligent transport system (ITS) equipment & Vehicle Location Tracking with emergency button	Radiated Emission	AIS 004-3:2022 Rev.1, ECER 10.5:2014, ECER 10.6:2019, EN 13309:2021:2020, ISO 13766-1:2018, ISO 13766-2:2018 ISO 11452-2, IS 16833:2020, CISPR 25:2021, CISPR 12:2025, AIS 076:2023, AIS 145:2017, AIS140:2018, AIS 153:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
313	Electrical/Electron sub-assemblies, Lifts Elevators, 2W, 3W and Moving walks, Reverse parking alert system (RPAS), Vehicle alarm system and immobilizers, Intelligent transport system (ITS) equipment & Vehicle Location Tracking with emergency button	Radiated Emission	AIS 004-3:2022 ECER 10.5:2014, ECER 10.6:2019, EN 13309:2021:2020, ISO 13766-1:2018, ISO 13766-2:2018 IS 16833:2020, CISPR12, AIS 076:2023, AIS 145:2017, AIS 140:2018, AIS 153:2020, AIS 049	Permanent
314	EMI /EMC Testing for Electrical/Electron Automotive Components, Intelligent transportation system(ITS) equipment, Vehicle location tracking with emergency button & Vehicle alarm systems and immobilizers	Conducted Transient Emissions on Power Leads	AIS 153:2020, AIS 076:2023, AIS 140:2018, ISO 13766-1:2018, EN 13309:2021, IS 16833:2020, ECER 10.5:2014, ECER 10.6:2019, ISO 13766-2:2018 AIS 004-3:2022, AIS 145:2017	Permanent
315	EMI /EMC Testing for Electrical/Electron Automotive Components, Intelligent transportation system(ITS) equipment, Vehicle location tracking with emergency button & Vehicle alarm systems and immobilizers	Conducted Transient Emissions on Power Leads	ISO 7637-2:2011:2011 (Ed.3):2011, AIS 153:2020, AIS 076:2023, AIS 140:2018, ISO 13766-1:2018, EN 13309:2021	Permanent
316	EMI /EMC testing for Electrical/Electronic Railway application	Conducted Transient Emissions on Power Leads	EN 50121-4:2019, EN 50121-3-1:2019 EN 50121-3-2:2019, EN 50121-3:2019, IEC 60571:2012, IEC 62236:2018, IEC 62236:2018-, EN 50155:2021, , :2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
317	EMI /EMC testing for Electrical/Electronic Railway application	CONDUCTED EMISSION TEST	EN 50121-4:2019, EN 50121-3-1:2019 EN 50121-3-2:2019, EN 50121-3:2019, IEC 60571:2012, IEC 62236:2018, IEC 62236:2018-3-2, EN 50155:2021,	Permanent
318	EMI /EMC testing for Electrical/Electronic Railway application	Electric Fast Transients	EN 50121-4:2019, EN 50121-3-1:2019 EN 50121-3-2:2019, EN 50121-3:2019, IEC 60571:2012, IEC 62236:2018, IEC 62236:2018-3-2, EN 50155:2021,	Permanent
319	EMI /EMC testing for Electrical/Electronic Railway application	Electrostatic Discharge Immunity Test	EN 50121-4:2019, EN 50121-3-1:2019 EN 50121-3-2:2019, EN 50121-3:2019, IEC 60571:2012, IEC 62236:2018, IEC 62236:2018-3-2, EN 50155:2021,	Permanent
320	EMI /EMC testing for Electrical/Electronic Railway application	Surge Immunity Test	EN 50121-4:2019, EN 50121-3-1:2019 EN 50121-3-2:2019, EN 50121-3:2019, IEC 60571:2012, IEC 62236:2018, IEC 62236:2018-3-2, EN 50155:2021,	Permanent
321	EMI /EMC testing for Electrical/Electronic Railway application	Power Frequency Magnetic field Immunity test	EN 50121-4:2019	Permanent
322	EMI /EMC testing for Electrical/Electronic Railway application	Radiated emission test	EN 50121-4:2019, EN 50121-3:2019, EN 50121-3:2019, IEC 60571:2012, IEC 62236:2018, IEC 62236:2018-3-2, EN 50155:2021,	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
323	EMI /EMC testing for Electrical/Electronic Railway application	RF Radiated Susceptibility Test	EN 50121-4:2019, EN 50121-3-1:2019 EN 50121-3-2:2019, EN 50121-3:2019, IEC 60571:2012, IEC 62236:2018, IEC 62236:2018-3-2, EN 50155:2021,	Permanent
324	EMI /EMC testing for Electrical/Electronic Railway application	Pulse magnetic Field immunity test	EN 50121-4:2019 , IS 15039: 2023	Permanent
325	HOUSEHOLD APPLIANCES, ELECTRIC TOOLS AND SIMILAR APPARATUS/	Conducted disturbance power	IS 6873(Part2/sec 1):2024, CISPR 14-1:2020, EN 55014-1:2021	Permanent
326	HOUSEHOLD APPLIANCES, ELECTRIC TOOLS AND SIMILAR APPARATUS/	RF Radiated Susceptibility test	IS 6873(Part2/sec 1):2024, CISPR 14-1:2020, EN 55014-1:2021	Permanent
327	HOUSEHOLD APPLIANCES, ELECTRIC TOOLS AND SIMILAR APPARATUS/ residential, commercial and light-industrial environments/ MULTIMEDIA EQUIPMENT/ELE LIGHTING AND SIMILAR EQUIPMENT/Industrial environment ISM Equipment/ lifts, escalators and moving walks	Radiated Emission	IS 6873-1:2024, IS 6873(Part 2/sec 1):2024 CISPR 14-1:2020, EN 55014-1:2021, IEC 61000-6-3:2026, EN/IEC 61000-6-3:2026, CISPR 32:2015+A1 2019, EN 55032:2020, , CISPR 32:2015+A1 2019, EN 55022:2010+AC 2011, CISPR 15:2018+A1 2019, EN 55015:2019+A11 2020, IS 6873-3:2024, IEC 61000-6-4:2018:2018, EN 61000-6-4:2019:2019, CISPR 11:2024, EN 55011:2020, IS 16102 Part 2: 2026 , EN 12015:2020, EN 50561-1:2013 , EN	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			551031:2023, CISPR 22:2008 (Withdrawn)	
328	HOUSEHOLD APPLIANCES, ELECTRIC TOOLS AND SIMILAR APPARATUS/ residential, commercial and light-industrial environments/ MULTIMEDIA EQUIPMENT/ELE LIGHTING AND SIMILAR EQUIPMENT/Industrial environment ISM Equipment/ lifts, escalators and moving walks	Conduced Emission test	IS 6873(Part 2/sec 1):2024, IS 6873- 1:2010, IS 6873-5:2010, IS 6873-3:2024, IS 6873- 7, CISPR 14-1:2020, EN 55014- 1:2021, IEC 61000-6-3:2026, EN/IEC 61000-6-3:2026, CISPR 35:2015(Withdrawn), EN 55035:2016, , CISPR 32:2015+A1 2019, EN 55022:2010+AC 2011, CISPR 15:2018+A1 2019, EN 55015:2019+A11 2020, CISPR 13:2009+AMD1:2015 (Withdrawn), EN 55013:2013+A1:2016 (Withdrawn), CISPR 12:2025, EN IEC 55012:2025, IEC 61000-6-4:2018, EN 61000-6- 4:2019, CISPR 11:2024, EN 55011:2020, IS 16102 Part 2: 2026, EN 12015:2020, EN 50561- 1:2013, IEC 61547:2020, EN 61547 : 2009 + A1:2010: 2023, CISPR 22:2008 (Withdrawn)	Permanent
329	HOUSEHOLD APPLIANCES, ELECTRIC TOOLS AND SIMILAR APPARATUS/ residential, commercial and light-industrial environments/ MULTIMEDIA EQUIPMENT/ELE	Harmonic Current Emissions Test	IEC 60601-1-2:2014+A1 2020, IEC 60601-1-2:2014+A1 2020, IEC 61000-3-2 : 2018 + A1:2020 + A2:2024:2018+A1 2020 +A2:2024), IEC 61000-3- 12:2011+A1 2021, IEC 61000- 6-3:2026, IEC 61326-1:2020, IEC 61496-1:2022:2022 IEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	LIGHTING AND SIMILAR EQUIPMENT/Industrial environment ISM Equipment/ lifts, escalators and moving walks		62040-2:2016:2016, EN 12015:2020:2014, EN 60601-1-2 : 2015 + A1:2021:2015+A1:2021, EN 60601-1-2 : 2015 + A1:2021:2015+A1:2021, EN 61000-3- 2:2019+A1:2021 EN 61000-3-2: 2014, IEC 60601-2-29:2008	
330	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Harmonic Current Emissions Test	IS 14700 : Part 3 : Sec 2:2018 IEC 61000-3-2 : 2018 + A1:2020 + A2:2024, 3GPP 36.113:2025, 37.113:2026,38.113:2026, EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2020,	Permanent
331	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts	Electrostatic Discharge Immunity Test	IEC 60945 : 2002 + COR1:2008, EN 50121-3-1:2019 EN 50121-3-2:2019, IS/IEC 60947-1:2020 : 2020, IEC 60870-2-1 : 1996, ISO 10605: 2023, IEC 60601-2-29:2008	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks			
332	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays / Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	RF Radiated Susceptibility Test	IEC 60870-2-1 : 1996, IEC 60571:2012, IEC 62236:2018-3-2,; 2023.	Permanent
333	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia	Surge Immunity Test	IEC 62236:2018-4, EN 55014-2 : 2021, CISPR 14-2:2020, EN 61000- 6-2:2019, IEC 61000- 6-2:2016, EN 60945:2002, EN 50121-3-1:2019 EN 50121-3-2:2019, , IEC 60870-2-1 : 1996,; 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	equipment Relay systems/ Lifts Elevators and Moving walks			
334	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic Field Immunity Test	EN 50121-3-1:2019 EN 50121-3-2:2019, EN 60945:2002, IEC 60870-2-1 : 1996, IS/IEC 60947-1:2020 : 2020, IEC 60947-1:2020, : 2023	Permanent
335	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrical fast transient (EFT) / Burst Immunity Test (EFT)	IEC 60870-2-1 : 1996, IS IEC 60947:2020, EN 61000-4-4 : 2012 + A1:2019, IS/IEC 60947- 1:2020 : 2020, IEC 60947- 1:2020, IS 14700: 2023	Permanent



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336	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Power Frequency Magnetic field Immunity test	EN 60601-1-2 : 2015 \+ A1:2021, EN 61000-6-1 : 2019, EN 61000-6-2 : 2019, EN 61326-1 : 2021, EN 61547 : 2009 + A1:2010, EN 62040-2:2018, IEC 60255-26:2023:2023 IEC 61000-6-5:2015, IEC 60870-2- 1:1996, CISPR 35:2016, EN 50083-2:2012, IEC 60601-2-29:2008	Permanent
337	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Power Frequency Magnetic field Immunity test	IEC 61000-4-8:2009, EN 61000-4-8: 2010, IS 14700 \:Part 4 : Sec 8:2007, IEC 60601-1-2 : 2014 + A1:2020 (ED. 4.1), IEC 61000-6-1:2016, IEC 61000-6- 2:2016, IEC 61326- 1:2020, IEC 61547:2020, IEC 62040-2:2016, EN 50121-4 : 2016 + A1:2019 , EN 55024 : 2010 + AC:2011, EN 55035: 2023	Permanent
338	IT Products / Domestic/ Industrial Automation /Scientific /	Harmonic Current Emissions Test	IEC 60601-1-2 (Edition 3.0)(2007- 03), IEC 60601-1-2 (Edition 4.0) (2014- 02), IEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products / Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks		61000-3-2 : 2018 + A1:2020 + A2:2024 (Edition 4.0) (2014-05), IEC 61000-3- 12(Edition 2.0) (2011- 05), IEC 61000-6-3:2026 (Edition2.1 Consol. with Amd.1 (2011- 02) IEC 61326-1 (Edition 2.0)(2012-07), IEC 61496-1:2022 (Edition 3.0) (2012- 04), IEC 62040-2:2016 (Edition 3.0) 2016- 11) EN 12015:2020:2014 EN 60601-1-2 : 2015 + A1:2021:2007/AC: 2010, EN 60601-1-2 : 2015 + A1:2021:2015, EN 61000-3-2: 2006 A2:2009, EN 61000-3-2:2014: 2023, IEC 60601-2-29:2008	
339	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / Wireless Products / Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage Fluctuations and Flicker	EN 61000-3-3: 2013, EN 61000- 3-11:2001, EN/IEC 61000-6-3:2026: 2007 + A1: 2011, EN 61326- 1:2013, ETSI EN 300 386:2016 V2.1.1 (2016-07), ETSI EN 301 489-1:2019 V2.2.0 (2017-03) ETSI EN 301 489-3:2023 V1.6.1 (2013-08), IEC 60974-10:2020 (Edition 3.1)(2015-06), IEC 60870-2-1 : 1996(Edition 2.0)(1995-12), ETSI EN 301 489-1:20197 V3.2.0 : 2017:2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
340	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	EN 55103-2:2009, EN 50130-4 : 2011 + A1:2014, EN 50083-2:2012, EN 60601-1-2 : 2015 + A1:2021, EN 61000-6-1 : 2019, EN 61000-6-2 : 2019, EN 61326-1 : 2021, EN 61496-1, EN 61547 : 2009 + A1:2010, EN 62052- 11:2021, EN 55035: 2023, IEC 60601-2-29:2008	Permanent
341	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	IEC 61000-4-11: 2020/COR2: 22, IEC 61000-4-34:2005/AMD1:2009/COR1:2009 61000-4-11, EN 61000-4-34, IS 14700-4-11, IS 14700-4-34, IEC 60601-1-2, IEC 61326-1, IEC 61496-1:2022, IEC 61547:2020, IEC 62052-11:2020: 2023, IS 302-1: 2024	Permanent
342	IT Products / Domestic/ Industrial Automation /Scientific /	Voltage dips, short interruptions and voltage variations Immunity test	IEC 62053-21:2020, CISPR 14-2:2020 , CISPR 35:2016, EN 55024 : 2010 + AC:2011, EN	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks		12016, EN 50370- 2, EN 55014-2 : 2021: 2023	
343	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	CISPR 14-2:2020, ,CISPR 35:2016,EN 12016,EN 50121-4:2019, , EN 55014, EN 55024 : 2010 + AC:2011, EN 55103-2, EN 55035: 2023	Permanent
344	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household /	High Energy / Telecom Surge Immunity Test	EN 60601-1-2 : 2015 \+ A1:2021,EN 61000-6-1 : 2019,EN 61000-6-2 : 2019,EN 50130-4 : 2011 + A1:2014, EN 61326-1 : 2021EN 61496-1EN 61547 : 2009 + A1:2010EN	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Machinery/ Test and Measurement/ Locomotive / RF Products / Wireless Products / Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks		62040-2:2018 EN 62052-11:2021, ETSI EN 300 386:2016, ETSI EN 301 489-1:2019, ETSI EN 301 489-3:2023 ETSI EN 301 489-1:2019, ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 20250:2023, IEC 60601-2-29:2008	
345	IT Products / Domestic/ Industrial Automation / Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ Locomotive / RF Products / Wireless Products / Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	IEC 61000-4-5: 2014/ AMD1:2017, EN 61000-4-5:2014/AMD1:2017, 1089-CORE, Issue 5, August 2009, GR-1089- CORE: Issue 6 May 2011 ITU-T K.20 (2016-06), ITU-T K.21 (2016-06) ITU-T, K.43 (07/2009), ITU-T K.44 (06/2016), ITU-T, K.48, K.45 (09/2006)TEC/EM 001/01/FEB-09 TEC/SD/DD/EMC 221/05/OCT-16 IEC 60255-26:2023, IEC 61000-6- 5IEC 60571:2012IEC 62236:2018-3-2EN 61326-1 : 2021IEC 61326-1EN 50121-3-1:2019 EN 50121-3-2:2019EN 50121-4:2019IEC 60870-2-1 : 1996IEEE Std C62.41.1: 2023	Permanent
346	IT Products / Domestic/ Industrial Automation / Scientific / Medical/Aerospace/Automotive / Defense/Telecom /	Electrical fast transient (EFT) / Burst Immunity Test	EN 55103-2:2009 :2009, EN 50130-4 : 2011 + A1:2014: 2011,EN 50130-4 : 2011 + A1:2014:2011+A1:2014, EN 60601-1- 2:2007/AC:2010,EN	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks		60601-1-2 : 2015 + A1:2021:2015, EN61000-6-1 :2007, EN 61000-6-2 : 2019 : 2005, EN 61326-1 : 2021 : 2013, EN 61496-1:2013, EN 61547 : 2009 + A1:2010:2009, EN 62040-2 : 2006, EN62052-11: 2003, V1.1.1 (1998-06), ETSI EN 300 386:2016 V2.1.1 (2016- 07), . V1.1.1 (1998-09), ETSI EN 301 489-1 V2.2.0 (2017- 03): 2017: 2023, IEC 60601-2-29:2008	
347	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrical fast transient (EFT) / Burst Immunity Test	IEC 61000-4-4 (Edition 3.0)(2012-04), IEC60601-1-2(Edition 3.0)(2007-03), IEC 60601-1-2 (Edition 4.0) (2014-02), IEC 61000-6-1 (Edition 3.0) (2016-08), IEC 61000-6-2 (Edition 2.0 (2005-01), IEC 61000-6-2 (Edition 3.0) (2016-08), IEC 61326-1 (Edition 2.0) (2012-07), IEC 61496-1:2022 (Edition 3.0) (2012-04), IEC 61547:2020: 2009, IEC 62040-2:2016 (Edition 3.0) (2016-11) IEC 62052- 11:2003+AMD1:2 (Edition 1.1), IEC 62053-21:2020:2003/AMD1:20 (Edition 1.1) (2016-11):2016, IEC 60945 : 2002 + COR1:2008: 200:2023	Permanent
348	IT Products / Domestic/ Industrial Automation /Scientific /	Electrical fast transient (EFT) / Burst Immunity Test	ETSI EN 301 489-3:2023 V1.6.1 (2013-08), ETSI EN 301 489-1:20197 V3.2.0	Permanent



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	Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks		(2017- 03), GR-1089-CORE, Issue 5, August 2009, GR-1089-CORE, Issue 5, August 2009, GR-1089- CORE: Issue 6, May 2011, ITU-T K.43 (07/2009), ITU-T K.48 (09/2006), ITU-T K.63 (02/2004), TEC/EMI/TEL-001/01/FEB-09, TEC/SD/DD/EMC 221/05/OCT-16, IEC 60974-10:2020 (Edition 3.1) (2015-06), IEC 60255-26:2023:2023(Edition 3.0) 2013-05), IEC 61000-6-5:2015 (Edition 1.0) (2015-08), IEC 60571:2012 (Edition 3.0) (2012-09), IEC 62236:2018-3-2(Edition 2.: 2023	
349	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	CISPR 14-2:2020 (Edition 1.2) Consol. with Amd. 1 & 2 (2008-07) CISPR 14-2:2020 (Edition 2.0) (2015-02), (Edition 2.0)(2010-08), CISPR 35:2016, (Edition 6.1) (2013-10)EN 12016:2013,EN 61000-4-2 :2009, EN 50121-3-1:2019 EN 50121-3-2:2019:2015, EN50121-4: 2015,EN 50130-4 : 2011 + A1:2014: 2011, EN 50130- 4:2011+A1:2014, : 2003, EN 55014-2 : 2021: 1997\Amd.2:2008, EN 55014-2 : 2021:2015,EN 55035, ,: 2023	Permanent



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350	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	EN 55024 : 2010 + AC:2011: 2010,EN 50083-2:2012, EN55024:2010+A1:2 EN 55103-2:2009:2009, EN 60601-1-2 : 2015 + A1:2021:2007/AC:2010, EN 60601-1-2 : 2015 + A1:2021:2015, EN61000-6-1 :2007, EN 61000-6-2 : 2019 : 2005, EN61326-1:2013,EN 61340-3-1:2007, EN61496-1:2013,EN 61547 : 2009 + A1:2010: 2009,EN 62040-2:2006, EN 62052-11: 2003, ETSIEN 300 339V1.1.1 (1998-06), ETSI EN300 386 V2.1.1(2016-07), ETSIEN 301 090 V1.1.1 (1998- 09), ETSI EN 301 489-1:2019 V2.2.0 (2017-03), ETSI EN 301 489-3:2023 V1.6.1 (2013-08), ETSI EN 301 489-1:20197 :2023, IEC 60601-2-29:2008	Permanent
351	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia	Electrostatic Discharge Immunity Test	GR-1089-CORE, Issue 5, August 2009,GR-1089- CORE: Issue 6,May 2011, ITU-T K.20 (2016-06), ITU-TK.21 (2016-06), ITU-T K.43 (07/2009), ITU-T K.48 (09/2006), ITU-T K.63 (02/2004),TEC/EMI/TEL-001/01/FEB-09,TEC/SD/DD/E 221/05/OCT-16, IEC 60974-10:2020 (Edition 3.1) (2015-06), IEC 60255-26:2023:2023(Edition 3.0) (2013-05), IEC 61000-6-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	equipment Relay systems/ Lifts Elevators and Moving walks		5:2015(Edition 1.0)(2015-08), IEC 60571:2012 (Edition3.0)(2012-09) IEC 61547:2020:2009: 2023, IS 302-1: 2024	
352	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic field Immunity Test	CISPR 14-2:2020, EN 12016, EN 50121-4:2019,EN50121-3- 2, ,EN55014-2, EN 55024 : 2010 + AC:2011, EN 55103- 2:2009, EN 60601-1-2 : 2015 + A1:2021, EN 50130-4 : 2011 + A1:2014, EN 55035: 2023,IS 302-1: 2024	Permanent
353	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/	Radiated radio frequency electromagnetic field Immunity Test	EN 61000-6-1 : 2019,EN 61000-6-2 : 2019,EN 61326-1 : 2021, EN 61496-1 EN 61547 : 2009 + A1:2010,EN 62040- 2,EN 62052-11 EN 62053-21, , ETSI EN 300 386:2016, , ETSI EN 301 489-1:2019,ETSI EN 301 489-3:2023,ETSI EN 301 489-1 : V2.2.3 : 20197GR- 1089-CORE, Issue 5,August 2009, GR 1089-CORE,Issue 5,August 2009, GR-1089- CORE\Issue 6, May 2011,ITU-TK.43	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Lifts Elevators and Moving walks		(07/2009),ITU-T K.48 (09/2006) : 2023	
354	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic field Immunity Test	IEC 60974-10:2020(Edition 3.1) (2015-06),IEC 60255-26:2023(Edition 3.0)(2013-05), IEC61000-6-5(Edition 1.0)(2015-08), CISPR 35:2016, SAEJ1113/21 (2013-05), IEC 60870-2-1 : 1996(Edition 2.0)(1995-12), IEEE C37.90.2-2004, CISPR 35:2016,	Permanent
355	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic field Immunity Test	IEC 61000-4-3: 2020, EN 61000 4-3 : 2020, IS 14700-4-3, IEC 60601-1-2, EN 50083-2, IEC 61547:2020, IEC 61000-6-1, IEC 61000-6-2, IEC 61326-1,IEC 61496-1:2022, IEC 62040-2:2016, IEC 62052-11:2020, IEC 62053-21:2020: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
356	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	ETSI EN 301 489-1:2019,ETSI EN 301 843-1:2019, ETSI EN 301 843- 2,TEC 52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC 11016:2016,TEC 38010:2017,TEC 38030:2017,TEC 60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC 36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023,IS 302-1: 2024	Permanent
357	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts	Radiated radio frequency electromagnetic field Immunity Test	ETSI EN 301 489-1:2019,ETSI EN 301 843-1:2019, ETSI EN 301 843- 2,TEC 52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks		11016:2016,TEC 38010:2017,TEC 38030:2017,TEC 60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC 36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023	
358	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Conducted Emission	ETSI EN 301 489-1:2019,ETSI EN 301 843-1:2019, ETSI EN 301 843- 2,TEC 52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC 11016:2016,TEC 38010:2017,TEC 38030:2017,TEC 60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023	
359	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Conducted susceptibility	ETSI EN 301 489-1:2019,ETSI EN 301 843-1:2019, ETSI EN 301 843- 2, TEC 52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC 11016:2016,TEC 38010:2017,TEC 38030:2017,TEC 60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC 36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023,IS 302-1: 2024	Permanent
360	IT Products / Domestic/ Industrial Automation /Scientific /	Electric Fast Transients	ETSI EN 301 489-1:2019,ETSI EN 301 843-1:2019, ETSI EN 301 843- 2,TEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks		52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC 11016:2016,TEC 38010:2017,TEC 38030:2017,TEC 60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC 36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023,IS 302-1: 2024	
361	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts / Lightingproducts/ Measuringrelays/ Power station/Multimedia	Radiated Emission	ETSI EN 301 489-1:2019,ETSI EN 301 843-1:2019, ETSI EN 301 843- 2,TEC 52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC 11016:2016,TEC 38010:2017,TEC 38030:2017,TEC	Permanent



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Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	equipment Relay systems/ Lifts Elevators and Moving walks		60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC 36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023	
362	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Autom otive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage Dips & interruption	TEC 58010, TEC 58060, TEC 44050, TEC 21030, TEC 60012, TEC 79092, TEC 48042: 2023	Permanent
363	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Autom otive / Defense/Telecom / Consumer/Household /	Harmonic Current Emissions Test	EN 61000-3-12:2011, EN 61000- 6-3: 2007 A1: 2011, EN 61326-1 : 2021:2013, EN 61496-1:2013, EN 62040- 2:2006 ,ETSI EN 300 386:2016 V2.1.1 (2016-07),	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Machinery/ Test and Measurement/ Locomotive / RF Products / Wireless Products / Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks		ETSI EN 301 489-1:2019 V2.2.0 (2017-03), ETSI EN 301 489-3:2023 V1.6.1(2013-08), IEC 60974-10:2020(Edition 3.1) (2015-06), IEC 60870-2-1 : 1996(Edition 2.0)(1995-12) , ETSI EN 301 489-1:20197 V3.2.0 : 2017	
364	IT Products / Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace / Automotive/ Defense/ Telecom/ Consumer/ Household / Machinery / Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment / Lifts Elevators and Moving walks	Radiated Emission Test	EN 12015:2020:2014, EN 55011:2020: 2016, EN 55014-1:2021: 2006/Amd. 2: 2011 EN 55015:2019+A11 2020: 2013 EN 55015:2019+A11 2020:2013+A1:2 EN 55022:2010+AC 2011: 2010/AC: 2011 EN 50561-1:2013:2013 EN 55032:2020:2015 EN 55025: 2008 EN 55103-1: 2009/Amd. 1:2012 EN 60601-1-2:2007/AC: 2010 EN 60601-1-2:2015 EN/IEC 61000-6-3:2026: 2007/Amd.1: 2011 EN 61000- 6-4:2007/Amd. 1: 2011:2011, EN 55013: 2013/A1:2016, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
365	IT Products / Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace / Automotive/ Defense/ Telecom/	Radiated Emission Test	EN 61326-1 : 2021: 2013 EN 62040- 2:2018: 2006 EN 62052-11: 2003 EN 62053-21: 2003 : 2005 ETSI EN300 339 V1.1.1 (1998-06) ETSI EN 300	Permanent



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	Consumer/ Household / Machinery / Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment / Lifts Elevators and Moving walks		386:2016 V2.1.1 (2016-07) . V1.1.1 (1998-09) ETSI EN 301 489-1:2019 V2.2.0 (2017-03) ETSI EN 301 489-3:2023 V1.6.1 (2013-08) ETSI EN 301 489-1:20197 V3.2.0 (2017-03) 47 CFR Ch. I (12 th Edition) (Part 15) 47 CFR Ch. I (12 th Edition) Part 18 RSS-Gen, Issue 4, Nov 2014 RSS-247 Issue 2 Feb 2017: 2017: 2023	
366	IT Products / Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace / Automotive/ Defense/Telecom/ Consumer/ Household / Machinery / Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment / Lifts Elevators and Moving walks	Radiated Emission Test	EN 300 386 V2.1.1 (2016-07) . V1.1.1 (1998-09) ETSI EN 301 489-1:2019 V2.2.0 (2017-03) , ETSI EN 301 489-3:2023 V1.6.1 (2013-08) ETSI EN 301 489-1:20197 V3.2.0 (2017-03) 47 CFR Ch. I (12 th Edition) (Part 15) 47 CFR Ch. I (12 th Edition) Part 18 RSS-Gen, Issue 4, Nov 2014 RSS-247 Issue 2 Feb 2017: 2017: 2023, FCC 15B :47 cfr part 15 subpart b	Permanent
367	IT Products / Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace / Automotive/	Radiated Emission Test	ITU-T K.48 (09/2006) AIS- 049 (Rev.1):2016 ICES-001 Issue 4, June 2006 (UPDATED - NOVEMBER 2014) ICES-003	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Defense/ Telecom/ Consumer/ Household / Machinery / Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment / Lifts Elevators and Moving walks		Issue 5, Aug 2012 ICES-003 Issue 6, January 2016 (Updated -June 2016) ICES-005 Issue 3, May 2009 ICES-005 Issue 4, December 2015 TEC/EMI/TEL- 001/01/FEB-09 TEC/SD/DD/EMC 221/05/OCT-16 IEC 60974-10:2020 (Edition 3.1) (2015-06) IEC 60255-26:2023:2023(Edition 3.0) (2013-05) IEC 60571:2012 (Edition 3.0)(2012-09) IEC 62236:2018-3- 2(Edition 2.0) (2008-12) EN 50121-3-1:2019 EN 50121-3-2:2019:2015 CISPR 13:2009+AMD1, CISPR 32:2015+A1 2019: 2023	
368	IT Products / Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace / Automotive/ Defense/ Telecom/ Consumer/ Household / Machinery / Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment /	Conducted disturbances, induced by radio-frequency fields Immunity Test	ITU-T K.43 (07/2009), ITU-T K.48 (09/2006), TEC/EMI/TEL-001/01/FEB-09, TEC/SD/DD/EMC 221/05/OCT-16, IEC 60974-10:2020 (Edition 3.1) (2015-06), IEC 60255-26:2023:2023(Edition 3.0) (2013-05), IEC 61000-6-5:2015 (Edition 1.0) (2015-08), IEC 62236:2018-3- 2(Edition 2.0) (2008-12), EN 50121-3-1:2019 EN 50121-3-2:2019:2015, CISPR 35: 2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Lifts Elevators and Moving walks			
369	IT Products / Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace / Automotive/ Defense/ Telecom/Consumer/ Household / Machinery / Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless Products/ Lighting products/ Arc Welding Equipment/ Measuring relays/ Power station/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment / Lifts Elevators and Moving walks	Conducted disturbances, induced by radio-frequency fields Immunity Test	EN 61000-6-1 : 2019 : 2007, EN 61000- 6-2:2019: 2005, EN 61326-1 : 2021 : 2013, EN 61496-1: 2013, EN 61547 : 2009 + A1:2010: 2009, EN 62040- 2:2018 : 2006, EN 62052-11: 2003, EN 62053- 21: 2003, V1.1.1 (1998- 06), ETSI EN 300 386:2016 V2.1.1 (2016-07), . V1.1.1 (1998- 09), ETSI EN 301 489-1:2019 V2.2.0 (2017- 03), ETSI EN 301 489-3:2023 V1.6.1, ETSI EN 301 489-1:20197013-08) GR-1089-CORE, Issue 5, August 2009 GR-1089- CORE: Issue 6, May 2011 GR- 1089- CORE, Issue 5, August 2009 GR-1089- CORE \:Issue 6,: 2023	Permanent
370	IT Products / Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace / Automotive/ Defense/ Telecom/ Consumer/ Household / Machinery / Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless Products/ Lighting products/ Arc Welding Equipment/ Measuring	Conducted disturbances, induced by radio-frequency fields Immunity Test	IEC 61000-4-6 :2013 (Revised) IEC 61000-4-6 :2023, IEC 60601-1-2 (Edition 3.0) (2007-03) IEC 60601-1-2 (Edition 4.0) (2014-02) EN 50083-2:2012, IEC 61000-6-1 (Edition 3.0) (2016-08), IEC 61000-6-2 (Edition 2.0) (2005-01) IEC 61000-6-2 (Edition 3.0) (2005-01) IEC 61326-1 (Edition 2.0) (2012-07) IEC 61496-1:2022 (Edition 3.0) (2012-04) IEC 61547:2020:	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	relays/ Power station/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment / Lifts Elevators and Moving walks		2009 IEC 62040-2:2016 (Edition 3.0) (2016-11) IEC 62052- 11:2003+AMD1:2 (Edition 1.1) IEC 62053- 21:2020 (Edition 1.0) (2003-01) IEC 62053-21:2020 :2003/AMD1:2: 2023	
371	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Radiated Emission Test	IS/IEC 60947-1:2020 : 2020, IEC 60947-1:2020	Permanent
372	IT Products/ Domestic/ Industrial Automation/ Scientific/ Medical/ Aerospace / Automotive/ Defense/ Telecom/ Consumer / Household / Machinery/Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless	Harmonic Current Emissions Test	EN 61000-3-12:2011, EN 50155:2021, EN/IEC 61000-6-3:2026\A1, EN 61326- 1, EN 61496-1: EN 62040-2\ETSI EN 300 386:2016 V2.1.1 (07) ETSI EN 301 489-1:2019 V2.2.0 (03) ETSI EN 301 489-3:2023 V1.6.1 (08) IEC 60974-10:2020(Edition 3.1) (06) IEC 60870-2- 1:1996(Edition 2.0)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Products/ Arc Welding Equipment/ Lifts Elevators and Moving walks		(12) ETSI EN 301 489-1:20197 V3.2.0 : 2017	
373	Lamps & Luminaries	Conducted Emission Test	IS 6873-5:2012, EN / IEC 61547:2020:2009, IEC/E 55015:2015, CISPR 15: 2018: 2023	Permanent
374	Lamps & Luminaries	Radiated Magnetic Emission (Loop Antenna Method)	IS 6873-5 IEC 61547:2020, EN 61547 : 2009 + A1:2010 IEC/EN 55015:2019+A11 2020, CISPR 15 IS 16102 Part 2:2026	Permanent
375	Lamps & Luminaries	Radiated Magnetic Emission (Loop Antenna Method)	IS 6873-5:2012, EN / IEC 61547:2020:2009, IEC/E 55015:2015, CISPR 15: 2018: 2023	Permanent
376	Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems	Voltage Fluctuations and Flicker	IEC 61000-3-3:2013+A1:2017, EN 61000-3-3: 2012+A1:2019, IEC 61000-3-11: 2017, EN IEC 61000-3-11:2019, IS 14700-3-3:2019, 14700-3-11: 2023	Permanent
377	Limits for harmonic currents produced by equipment connected to public low- voltage systems	Harmonics Current Emission	IEC 61000-3-2 : 2018 + A1:2020 + A2:2024: 2018/AMD1:2020/ EN 61000-3-2: 2019/A1:2021 IEC 61000-3-12: 2011/AMD1:2021, EN 61000-3-12:2011 IS 14700-3-2, IS 14700-3-12: 2023	Permanent
378	Low voltage switchgear & controlgear	Conducted Emission test	IS/IEC 60947-1:2020 : 2020, IEC 60947-1:2020	Permanent
379	Low voltage switchgear & controlgear	Conducted Susceptibility	IS/IEC 60947-1:2020 , IEC 60947-1:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
380	Low voltage switchgear & controlgear	Electric Fast Transients	IS/IEC 60947-1:2020 , IEC 60947-1:2020	Permanent
381	Low voltage switchgear & controlgear	ESD	IEC 60947-1:2020	Permanent
382	Low voltage switchgear & controlgear	Harmonics Current Emission	IS/IEC 60947-1:2020 : 2020, IEC 60947-1:2020	Permanent
383	Low voltage switchgear & controlgear	Power Frequency Magnetic field	IS/IEC 60947-1:2020 , IEC 60947-1:2020	Permanent
384	Low voltage switchgear & controlgear	Radiated Emission	IS/IEC 60947-1:2020 : 2020, IEC 60947-1:2020	Permanent
385	Low voltage switchgear & controlgear	radiated susceptibility	IS/IEC 60947-1:2020 : 2020, IEC 60947-1:2020	Permanent
386	Low voltage switchgear & controlgear	Surge Immunity	IS/IEC 60947-1:2020 : 2020, IEC 60947-1:2020	Permanent
387	Low voltage switchgear & controlgear	Voltage Dips & interruption	IS/IEC 60947-1:2020, IEC 60947-1:2020	Permanent
388	Low voltage switchgear & controlgear	Voltage flicker & fluctuation	IS/IEC 60947-1:2020, IEC 60947-1:2020	Permanent
389	Maritime navigation & radio communication equipment	Radiated Immunity	IEC 60945 : 2002 + COR1:2008:2002/COR1 2023	Permanent
390	MEASUREMENT CONTROL AND LABORATORY USE/ switchgear & Controlgear/ Arc welding equipment/ Railway/ Lighting	Voltage Fluctuations and Flicker	IEC 61326-1:2020, EN 61326-1 : 2021IEC 61326-1, IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021IEC 60947-1:2020, IS/ IEC 60947-1:2020IEC 60974-10:2020IEC 61496-1:2022, EN 61496-1IEC 60870-2-1 : 1996IEC 61547:2020EN 50155:2021: 2023	Permanent
391	MEASUREMENT CONTROL AND	Harmonics Current Emission	IEC 61326-1:2020, EN 61326-1 : 2021IEC 61326-2-6:2020,	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	LABORATORY USE/ switchgear & Controlgear/ UPS/ Arc welding equipment/Railways		BS EN/ EN IEC/ EN 61326-2-6:2021 IEC 60947-1:2020, IS/ IEC 60947-1:2020 IEC 62040-2:2016 IEC 60974-10:2020 IEC 61496-1:2022, EN 61496-1 EN 50155:2021 IEC 60870-2-1: 2023	
392	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/ switchgear & Controlgear/ Electro-sensitive protective equipment/Arc welding equipment/Measu relays and protection equipment/Power Supply/ Machine tools	Voltage dips, short interruptions and voltage variations Immunity test	IEC 61326-1:2020, EN 61326-1 : 2021 IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021 IEC 62052-11:2020 IEC 60947-1:2020, IS/ IEC 60947-1:2020 IEC 61496-1:2022 IEC 62053-21:2020 IEC 60974-10:2020 IEC 60255-26:2023 IEC 60870-2-1 : 1996, IEC 60870-2-1 : 1996 IEC 61496-1:2022, EN 61496-1 : 2023	Permanent
393	MEASUREMENT CONTROL AND LABORATORY/Electricity Metering equipment/ switchgear & Controlgear/ UPS/ Electro- sensitive protective equipment/Arc welding equipment/ Measuring relays and protection equipment/Power supply	Conducted disturbances, induced by radio-frequency fields Immunity Test	IEC 61326-1:2020, EN 61326-1 : 2021 IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021 IEC 62052-11:2020 IEC 60947-1:2020, IS/ IEC 60947-1:2020 IEC 62040-2:2016 IEC 61496-1:2022 IEC 62053-21:2020 IEC 60974-10:2020 IEC 60255-26:2023 IEC 60870-2-1 : 1996 IEC 61496-1:2022, EN 61496-1: 2023	Permanent
394	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/ switchgear & Controlgear/	Electric Fast Transients	IEC 61326-1:2020, EN 61326-1 : 2021 IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021 IEC 62052-11:2020 IEC 60947-1:2020, IS/ IEC 60947-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	UPS/ Electro- sensitive protective equipment/Arc welding equipment/Measu relays and protection equipment/ Power Supply		1:2020IEC 62040-2:2016IEC 61496-1:2022IEC 62053-21:2020IEC 60974-10:2020IEC 60255-26:2023IEC 60870-2-1 : 1996IEC 61496-1:2022, EN 61496-1: 2023	
395	MEASUREMENT CONTROL AND LABORATORY/Electricity Metering equipment/ switchgear & Controlgear/ UPS/ Electro- sensitive protective equipment/Arc welding equipment/Measuring relays and protection equipment/ Power Supply	Electrostatic Discharge Immunity Test	IEC 61326-1:2020, EN 61326-1 : 2021IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021IEC 62052-11:2020IEC 60947-1:2020, IS/ IEC 60947-1:2020, IEC 60974-10:2020IEC 62040-2:2016IEC 61496-1:2022IEC 62053-21:2020IEC 60255-26:2023IEC 60870-2-1 : 1996IEC 61496-1:2022, EN 61496-1EN 61340-3-1: 2023	Permanent
396	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/ switchgear & Controlgear/ UPS/ Electro- sensitive protective equipment/Arc welding equipment/Measu relays and protection equipment/ Power Supply	Radiated radio frequency electromagnetic Feld Immunity Test	IEC 61326-1:2020, EN 61326-1 : 2021IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021IEC 62052-11:2020IEC 60947-1:2020, IS/ IEC 60947-1:2020IEC 62040-2:2016IEC 61496-1:2022IEC 62053-21:2020IEC 60974-10:2020IEC 60255-26:2023IEC 60870-2-1 : 1996IEC 61496-1:2022, EN 61496-1: 2023	Permanent
397	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/	Surge immunity test	IEC 61326-1:2020, EN 61326-1 : 2021IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021IEC 62052-11:2020IEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	switchgear & Controlgear/ UPS/ Electro- sensitive protective equipment/Arc welding equipment/Measu relays and protection equipment/ Power Supply		60947-1:2020, IS/ IEC 60947-1:2020IEC 62040-2:2016IEC 61496-1:2022IEC 60974-10:2020IEC 60255-26:2023IEC 60870-2-1 : 1996IEC 61496-1:2022, EN 61496-1: 2023	
398	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/ switchgear & Controlgear/ UPS/Arc welding equipment/ Measuring relays and protection equipment/ Power Supply	Radiated Emission Test	IEC 61326-1:2020, EN 61326-1 : 2021IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021IEC 62052-11:2020IEC 60947-1:2020, IS/ IEC 60947-1:2020IEC 62040-2:2016IEC 62053-21:2020IEC 60974-10:2020IEC 60255-26:2023IEC 60870-2-1 : 1996IEC 61496-1:2022, EN 61496-1: 2023	Permanent
399	MEASUREMENT CONTROL AND LABORATORY/Electricity Metering equipment/ switchgear & Controlgear/UPS/ welding equipment/ Measuring relays and protection equipment/ Power Supply	Conducted Emission Test	IEC 61326-1:2020, EN 61326-1 : 2021IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021IEC 62052-11:2020IEC 60947-1:2020, IS/ IEC 60947-1:2020IEC 62040-2:2016IEC 62053-21:2020IEC 60974-10:2020IEC 60255-26:2023IEC 60870-2-1 : 1996, IEC 60870-2-1 : 1996IEC 61496-1:2022, EN 61496-1: 2023	Permanent
400	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/UPS/ Measuring relays and	Power Frequency Magnetic Field Immunity test	IEC 61326-1:2020, EN 61326-1 : 2021IEC 61326-2-6:2020, BS EN/ EN IEC/ EN 61326-2-6:2021IEC 62052-11:2020IEC 62040-2:2016IEC 60255-	Permanent



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	protection equipment/ Power Supply/ Machine tools/ Cable network for television signal		26:2023IEC 60870-2-1 : 1996 EN 50083-2: 2023	
401	Measuring the Effectiveness of Electromagnetic Shielding Enclosures	Shielding Effectiveness	IEEE Std 299, IEC 50147-1, IEC 61000-5-7: 2023	Permanent
402	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Conducted disturbances, induced by radio-frequency fields Immunity Test	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
403	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Conducted Emission Test	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
404	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Electric Fast Transients	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
405	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Electrostatic Discharge Immunity Test	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
406	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Harmonics Current Emission	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
407	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	High Energy / Telecom Surge immunity test	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent



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Validity : 29.09.2030

Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
408	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Power Frequency Magnetic field Immunity test	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
409	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Radiated Emission Test	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
410	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	RF Radiated Susceptibility test	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
411	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Voltage dips, short interruptions and voltage variations Immunity test	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
412	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Voltage Fluctuations and Flicker	IEC 60601-1-2, EN 60601-1-2 : 2015 + A1:2021:2015+A1:20212023	Permanent
413	Method of measurement of radio noise emission from low voltage Electrical & Electronic Equipment	Normalized site attenuation (NSA)	ANSI C63.4- 2014CISPR 16-1-4 : 2023	Permanent
414	Method of measurement of radio noise emission from low voltage Electrical & Electronic Equipment	SVSWR	CISPR 16-1-4: 2023	Permanent
415	Method of measurement of radio noise emission from low voltage Electrical & Electronic Equipment	VSWR	CISPR 16-1-4: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
416	Methods of measurement of disturbances and immunity - Conducted disturbance	Conducted Emission Test	CISPR 16-2- 1:2014+AMD1:20 EN 55016-2- 1CISPR 25:2021, EN 55025IS 15040: 2023	Permanent
417	Methods of measurement of disturbances and immunity - Measurement of disturbance power	Conducted disturbance power	CISPR 16-2- 2:2010, EN 55016-2-2: 2023	Permanent
418	Methods of measurement of disturbances and immunity - Radiated disturbance measurements	Radiated Emission Test	CISPR 16-2-3: 2016/ AMD2:2023, EN 55016-2-3CISPR 25:2021, EN 55025, IS 15040: 2023	Permanent
419	Military and Defense Electrical & Electronics products	electrostatic discharge immunity test	MIL 461 G CS 118:2018, DO - 160: 2023	Permanent
420	Military and Defense Electrical & Electronics products	Conducted Emission test	MIL 461 C,D,E,F,G CE 106: 2023	Permanent
421	Military and Defense Electrical & Electronics products	Conducted Emission test	MIL 461 D,E,F,G ,CE 101,CE 102: 2023	Permanent
422	Military and Defense Electrical & Electronics products	Conducted Emission test	MIL 461 D,E,F,G ,CE 101,CE 102: 2023	Permanent
423	Military and Defense Electrical & Electronics products	conducted RF susceptibility Test	MIL 461 D,E,F,G ,CS 101: 2023	Permanent
424	Military and Defense Electrical & Electronics products	conducted susceptibility, bulk cable injection,	MIL 461 C,D,E,F,G CS114: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
425	Military and Defense Electrical & Electronics products	conducted susceptibility, bulk cable injection,	MIL 461 C,D,E,F,G CS114: 2023	Permanent
426	Military and Defense Electrical & Electronics products	conducted susceptibility, power leads	MIL 461 D,E,F,G ,CS 101: 2023	Permanent
427	Military and Defense Electrical & Electronics products	personnel borne electrostatic discharge	MIL 461 G CS 118: 2023	Permanent
428	Military and Defense Electrical & Electronics products	Radiated Emission Test	MIL 461 C,D,E,F,G RE 102, MIL 464, DO-160: 2023	Permanent
429	Military and Defense Electrical & Electronics products	Radiated Emission Test	MIL 461 C,D,E,F,G, RE 101, RE 102: 2015: 2023	Permanent
430	Military and Defense Electrical & Electronics products	Radiated emissions, magnetic field,	MIL 461 C,D,E,F,G ,RE101, MIL 464: 2023	Permanent
431	Military and Defense Electrical & Electronics products	Radiated emissions, magnetic field,	MIL 461 C,D,E,F,G ,RE102: 2023	Permanent
432	Military and Defense Electrical & Electronics products	RF radiated susceptibility test	MIL 461 C,D,E,F,G RS 103, MIL 464, DO-160: 2023	Permanent
433	Military and Defense Electrical and Electronics Products	Conducted RF Susceptibility Test	MIL 461 E,F,G, CS 114: 2015: 2023	Permanent
434	Military and Defense Electrical and Electronics Products	Electrostatic Discharge Test	MIL 461 C,D,E, CS 118: 2018	Permanent
435	multimedia equipment (MME)/ Information technology	High Energy / Telecom Surge immunity test	CISPR 35, EN 55035, EN 55024 : 2010 + AC:2011, CISPR 14-2:2020, EN 55014-2	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/ power station / Sound and television broadcast receivers and associated equipment		: 2021CISPR 15:2018+A1 2019, EN 55015:2019+A11 2020IEC 61000-6-1, EN 61000-6-1 : 2019IEC 61000-6-2, EN 61000-6-2 : 2019IEC 61000-6-5:2015, EN 61000-6-5IEC 61547:2020, EN 12016IEC 60945 : 2002 + COR1:2008, EN 60945:2002 , : 2023	
436	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/ power station and substation/ Maritime navigation and radiocommunicati equipment and systems/ Sound and television broadcast receivers and associated equipment	Electrostatic Discharge Immunity Test	CISPR 35:2016, EN 55035, EN 55024 : 2010 + AC:2011, CISPR 14-2:2020, EN 55014-2 : 2021IEC 61000-6-1, EN 61000-6-1 : 2019IEC 61000-6-2, EN 61000-6-2 : 2019IEC 61547:2020, EN 12016, IEC 61000-6-5:2015, EN 61000-6-5IEC 60945 : 2002 + COR1:2008, EN 60945:2002, IS 15039: 2023	Permanent
437	multimedia equipment(MME)/ Information technology equipment/House	RF Radiated Susceptibility Test	CISPR 35:2016, EN 55035, EN 55024 : 2010 + AC:2011, CISPR 14-2:2020, EN 55014-2 : 2021IEC 61000-6-1, EN	Permanent



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	appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/ power station and substation/ Maritime navigation and radiocommunicati equipment and systems/ Sound and television broadcast receivers and associated equipment		61000-6-1 : 2019IEC 61000-6-2, EN 61000-6-2 : 2019IEC 61547:2020, EN 12016IEC 61000-6-5:2015, EN 61000-6-5IEC 60945 : 2002 + COR1:2008, EN 60945:2002, : 2023	
438	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/ power station and substation/Maritim navigation and radiocommunicati equipment and systems/ Sound and television broadcast receivers and associated equipment	Conducted RF Susceptibility Test	CISPR 35:2016, EN 55035, , EN 55024 : 2010 + AC:2011, CISPR 14-2:2020, EN 55014-2 : 2021IEC 61000-6-1, EN 61000-6-1 : 2019IEC 61000-6-2, EN 61000-6-2 : 2019IEC 61547:2020EN 12016IEC 61000-6-5:2015, EN 61000-6-5IEC 60945 : 2002 + COR1:2008, EN 60945:2002 , IS 15039: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
439	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/power station and substation/ Maritime navigation and radiocommunicati equipment and systems/ Sound and television broadcast receivers and associated equipment	Electric Fast Transients	CISPR 35:2016, EN 55035 , EN 55024 : 2010 + AC:2011, CISPR 14-2:2020, EN 55014-2 : 2021IEC 61000-6-1, EN 61000-6-1 : 2019IEC 61000-6-2, EN 61000-6-2 : 2019IEC 61000-6-5:2015, EN 61000-6-5IEC 61547:2020, EN 12016,IEC 60945 : 2002 + COR1:2008, EN 60945:2002, IS 15039EN 55103- 2: 2023	Permanent
440	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/power station and substation/ Maritime navigation and radiocommunicati equipment and systems/ Sound and television	Voltage dips, short interruptions and voltage variations Immunity test	CISPR 35:2016, EN 55035 , EN 55024 : 2010 + AC:2011, CISPR 14-2:2020, EN 55014-2 : 2021IEC 61000-6-1, EN 61000-6-1 : 2019IEC 61000-6-2, EN 61000-6-2 : 2019IEC 61547:2020, EN 12016IEC 61000-6-5:2015, EN 61000-6-5IEC 60945 : 2002 + COR1:2008, EN 60945:2002 , IEC 61000-2-2 : 2002 + A1:2017 (ED. 1.1), EN 61000-2-2 : 2002 + A1:2014IS 15039: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	broadcast receivers and associated equipment			
441	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/pow station and substation/ Sound and television broadcast receivers and associated equipment	Power Frequency Magnetic field Immunity test	CISPR 35:2016, EN 55035, EN 55024 : 2010 + AC:2011, IEC 61000-6-1, EN 61000-6-1 IEC 61000-6-2, EN 61000-6-2 IEC 61547:2020 IEC 61000-6-5:2015, EN 61000-6-5, : 2023	Permanent
442	Power Station/ Railway Products	Pulse Magnetic field Immunity test	IEC 61000-4-9 (Edition 1.1 Consol. with Amd.1 (2001-03) IEC 61000-4-9:2016 (Edition 2.0) (2016-07) EN 61000-4-9: 1994 EN 61000-4-9:2016: 2016EN 50121-4 : 2016 + A1:2019: 2023	Permanent
443	radio equipment and services	Conducted Immunity	ETSI EN 301 489-1:2019, ETSI EN 301 489-3:2023, ETSI EN 301 489-1 : V2.2.3 : 20193 ETSI EN 301 489-1:20197, ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 20250 ETSI EN 301 489-523 GPP 36.113:2025, 37.113:2026, 38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			136.113:2025,EN 137.113:2026, EN 138.113:2026,: 2023	
444	residential, commercial and light-industrial environments/ lifts, escalators and moving walks	Harmonics Current Emission	IEC 61000-6-3:2026, EN 61000-6-3 IEC 61000-2-2 : 2002 + A1:2017 (ED. 1.1), EN 61000-2-2 : 2002 + A1:2014 EN 12015:2020: 2023	Permanent
445	residential, commercial and light-industrial environments/ lifts, escalators and moving walks	Voltage Fluctuations and Flicker	IEC 61000-6-3:2026, EN 61000-6-3:2026 IEC 61000-2-2 : 2002 + A1:2017 (ED. 1.1), EN 61000-2-2 : 2002 + A1:2014 EN 12015:2020: 2023	Permanent
446	Road vehicles "Component test methods for electrical disturbances from narrowband radiated electromagnetic energy"	Bulk Current Injection (BCI)	ISO 11452-4: 2020: 2023	Permanent
447	Road Vehicles electrical disturbance from conduction & coupling	Conducted Immunity	ISO 7637- 2:2011 ISO 7637- 3: 2016: 2023	Permanent
448	Road Vehicles electrical disturbance from conduction & coupling	Conducted Transient Emissions on Power Leads	ISO 7637-2:2011:2011: 2011: 2023	Permanent
449	Telecom	Power Frequency Magnetic field Immunity test	3GPP 36.113:2025, 37.113:2026,38.113:2026, EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023	Permanent
450	Telecommunication equipment	Conducted Emission Test	TEC/SD/DD/EMC 221/05/OCT-16,TEC/EMI/TEL-001/01/FEB- 09ITU-T K.48 , ITU-T K.60, ITU- T K.63 ICES-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			001 Issue 4, ICES- 003 Issue 5, ICES-003 Issue 6 ICES-005 Issue 3, ICES- 005 Issue 4 TEC 52070, TEC 52080, TEC 36180, TEC 23020, TEC 44050TEC 38030, TEC 44030, TEC 11016, TEC 38010, TEC 38030TEC 60040, TEC 58010, TEC 44090, TEC 44030, TEC 44050TEC 21030, TEC 79092, TEC 48030, TEC 36140, TEC 60012TEC 79092, TEC 48042, TEC 48030, TEC 481203GPP 36.113:2025, 37.113:2026,38.113:2026EN 136.113:2025,EN 137.113:2026: 2023	
451	Telecommunication equipment	Conducted RF susceptibility Test	TEC/SD/DD/EMC 221/05/OCT-16,TEC/EMI/TEL-001/01/FEB- 09GR-1089-CORE, Issue 5, GR-1089-CORE: Issue 6ITU-T K.43, ITU-T K.48 TEC 52070, TEC 52080, TEC 36180, TEC 23020TEC 44050, TEC 38030, TEC 44030, TEC 11016, TEC 38010, TEC 38030, TEC 60040, TEC 58010 TEC 44090, TEC 44030,TEC 44050, TEC 21030TEC 79092, TEC 48030,TEC 36140, TEC 60012TEC 79092, TEC 48042, TEC 48060, TEC 48120: 2023	Permanent
452	Telecommunication equipment	Electric Fast Transients	TEC/SD/DD/EMC 221/05/OCT-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			16,TEC/EMI/TEL-001/01/FEB-09GR-1089-CORE, Issue 5, GR-1089-CORE: Issue 6ITU-T K.43 , ITU-T K.48 , ITU-T K.63, ITU-T K.21, ITU-T K.22, ITU-T K.44, ITU-T K.47, ITU-T K.45, ITU-T K.20, ITU-T K.60,ITU-T K.11, ITU-T K.12, ITU- T K.34, ITU-T K.37, ITU-T K.42,ITU-T K.46, ITU-T K.52, ITU- T K.55, ITU-T K.58, ITU-T K.65,ITU-T K.74, ITU-T K.75, ITU- T K.78, ITU-T K.80, ITU-T K.82,ITU-T K.102, ITU-T K.127TEC 52070, TEC 52080, TEC 36180, TEC 23020, TEC 44050TEC 3803: 2023	
453	Telecommunication equipment	Electrostatic Discharge Immunity Test	TEC/SD/DD/EMC 221/05/OCT-16,TEC/EMI/TEL-001/01/FEB-09 GR-1089-CORE, Issue 5, GR- 1089-CORE: Issue 6ITU-T K.20, ITU-T K.21 , ITU-T K.43 , ITU-T K.48 ITU-T K.63 , ITU-T K.44, ITU-T K.22, ITU-T K.44,ITU-T K.47,ITU-T K.45,ITU-T K.20,ITU-T K.60, ITU-T K.11, ITU- T K.12, ITU-T K.34,ITU-T K.37, ITU-T K.42, ITU- T K.46, ITU-T K.52,ITU-T K.55,ITU-T K.58, ITU-T K.65, ITU- T K.74,ITU-T K.75, ITU-T K.78, ITU-T K.80, ITU-T K.82,ITU-T K.102, ITU-T	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			K.127TEC 52070, TEC 52080, TEC 36180, TEC : 2023	
454	Telecommunication equipment	High energy / telecom surge immunity test	TEC/SD/DD/EMC 221/05/OCT-16, TEC/EMI/TEL-001/01/FEB-09GR-1089-CORE, Issue 5, GR-1089-CORE: Issue 6ITU-T K.20, ITU-T K.21, ITU-T K.43, ITU-T K.44ITU-T K.48 , ITU-T K.45 , ITU- T K.63, ITU-T K.21, ITU-T K.22, ITU-T K.47, ITU-T K.45, ITU-T K.20,ITU-T K.60,ITU-T K.11, ITU-T K.12, ITU- T K.34,ITU-T K.37, ITU-T K.42, ITU-T K.46, ITU-T K.52,ITU-T K.55,ITU-T K.58, ITU-T K.65, ITU- T K.74,ITU-T K.75, ITU-T K.78, ITU-T K.80, ITU-T K.82,ITU-T K.102, ITU-T K.127TEC 52070, TEC 52080, TE: 2023	Permanent
455	Telecommunication equipment	Radiated Emission Test	TEC/SD/DD/EMC 221/05/OCT-16, TEC/EMI/TEL-001/01/FEB-09ITU-T K.48 ICES-001 Issue 4 , ICES-003 Issue 5, ICES- 003 Issue 6, ICES-005 Issue 3, ICES-005 Issue 4,TEC 52070, TEC 52080, TEC 36180, TEC 23020, TEC 44050TEC 38030, TEC 44030, TEC 11016, TEC 38010, TEC 38030TEC 60040, TEC 58010 ,TEC 44090, TEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			44030, TEC 44050TEC 21030, TEC 79092, TEC 48030, TEC 36140, TEC 60012TEC 79092, TEC 48042, TEC 48030, TEC 48120: 2023	
456	Telecommunication equipment	RF Radiated Susceptibility test	TEC/SD/DD/EMC 221/05/OCT-16, TEC/EMI/TEL-001/01/FEB-09GR-1089-CORE, Issue 5, GR-1089-CORE\Issue 6ITU-T K.43, ITU-T K.48TEC 52070, TEC 52080, TEC 36180, TEC 23020, TEC 44050TEC 38030, TEC 44030, TEC 11016, TEC 38010, TEC 38030TEC 60040, TEC 58010, TEC 44090, TEC 44030, TEC 44050TEC 21030, TEC 79092, TEC 48030, TEC 36140, TEC 60012TEC 79092, TEC 48042, TEC 48030, TEC 48120: 2023	Permanent
457	Telecommunication equipment	Voltage dips, short interruptions and voltage variations Immunity test	TEC/SD/DD/EMC 221/05/OCT-16, TEC/EMI/TEL-001/01/FEB-09ITU-T K.43, ITU-T K.48, ITU-T K.63, ITU-T K.21, ITU-T K.22, ITU-T K.44, ITU-T K.47, ITU-T K.45, ITU-T K.20, ITU-T K.60, ITU-T K.11, ITU-T K.12, ITU-T K.34, ITU-T K.37, ITU-T K.42, ITU-T K.46, ITU-T K.52, ITU-T K.55, ITU-T K.58, ITU-T K.65, ITU-T K.74, ITU-T K.75, ITU-T K.78, ITU-T	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			K.80, ITU-T K.82, ITU-T K.102, ITU-T K.127, TEC 58010, TEC 58060, TEC 44050, TEC 21030, TEC 60012, TEC 79092, TEC 48042: 2023	
458	Telecommunication network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Conducted disturbances, induced by radio-frequency fields Immunity Test	ETSI EN 300 386:2016, ETSI EN 301 489-1 : V2.2.3 : 2019, ETSI EN 301 489-3:2023, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1 : V2.2.3 : 2019, ETSI EN 301 489-1:2019, ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 843-1:2019, ETSI EN 301 843-2 : V2.2.2 : 2025, 3GPP 36.113:2025, 37.113:2026, 38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113 : V19.2.0 : 2026, EN 136.113:2025, EN 137.113:2026, EN 138.113:2026, : 2023	Permanent
459	Telecommunication network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Conducted Emission Test	ETSI EN 300 386:2016, , ETSI EN 301 489-1 : V2.2.3 : 2019, ETSI EN 301 489-3:2023, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1 : V2.2.3 : 2019, ETSI EN 301 489-1:2019, ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			EN 301 843-1:2019, ETSI EN 301 843-2 : V2.2.2 : 2025 ETSI EN 300 330:2017, ETSI EN 301 908-1:2023 ETSI EN 300 328:2019, ETSI EN 302 502:2017 3GPP 36.113:2025, 37.113:2026,38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023, ETSI EN 301 489-5 : V2.3.1 : 20250 V2.4.1 (2025-09)	
460	Telecommunication network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Electric Fast Transients	ETSI EN 300 386:2016, ., ETSI EN 301 489-1 : V2.2.3 : 2019ETSI EN 301 489-3:2023, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1 : V2.2.3 : 20193ETSI EN 301 489-1:20197, ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 20250ETSI EN 301 489-5 : V2.3.1 : 20252, ETSI EN 301 843-1:2019, ETSI EN 301 843-2 : V2.2.2 : 2025 3GPP 36.113:2025, 37.113:2026,38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023, ETSI EN	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			301 489-5 : V2.3.1 : 20250 V2.4.1 (2025-09)	
461	Telecommunication network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Electrostatic Discharge Immunity Test	ETSI EN 300 386:2016, .. ETSI EN 301 489-1 : V2.2.3 : 2019 ETSI EN 301 489- 3:2023, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1 : V2.2.3 : 20193ETSI EN 301 489-1:20197, ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 20250ETSI EN 301 843-1:2019, ETSI EN 301 843-2 : V2.2.2 : 2025, 3GPP 36.113:2025, 37.113:2026,38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023, ETSI EN 301 489-5 : V2.3.1 : 20250 V2.4.1 (2025-09)	Permanent
462	Telecommunication network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Radiated Emission Test	ETSI EN 300 386:2016, .. ETSI EN 301 489-1 : V2.2.3 : 2019ETSI EN 301 489-3:2023, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1 : V2.2.3 : 20193ETSI EN 301 489-1:20197, ETSI EN 301 489-1:2019, ETSI EN 301 489- 5 : V2.3.1 : 20250, ETSI EN 301 489-5 : V2.3.1 : 20252, ETSI EN 301 843-1:2019, ETSI EN 301 843-2 : V2.2.2 :	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			2025 3GPP 36.113:2025, 37.113:2026,38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023	
463	Telecommunication network equipment/ maritime radiotelephone watch receivers/radio equipment and services	RF Radiated Susceptibility Test	ETSI EN 300 386:2016, ., ETSI EN 301 489-1 : V2.2.3 : 2019ETSI EN 301 489-3:2023, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1 : V2.2.3 : 20193ETSI EN 301 489-1:20197, ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 20250ETSI EN 301 489-5 : V2.3.1 : 20252, ETSI EN 301 843-1:2019, ETSI EN 301 843-2 : V2.2.2 : 2025 3GPP 36.113:2025, 37.113:2026,38.113:2026,ET TS 136 113, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023	Permanent
464	Telecommunication network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Surge immunity test	ETSI EN 300 386:2016, ., ETSI EN 301 489-1:2019, ETSI EN 301 489-3:2023, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1 : V2.2.3 : 20193ETSI EN 301 489-1:20197, ETSI EN 301 489-1:2019, ETSI EN 301 489-	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			5 : V2.3.1 : 20250ETSI EN 301 489-5 : V2.3.1 : 20252, ETSI EN 301 843-1:2019, ETSI EN 301 843-2 : V2.2.2 : 2025 3GPP 36.113:2025, 37.113:2026,38.113:2026, ETSI EN 301 489-5 : V2.3.1 : 20250 V2.4.1 (2025-09), ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023	
465	Telecommunication network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Voltage dips, short interruptions and voltage variations Immunity test	ETSI EN 300 386:2016, .., ETSI EN 301 489-1 : V2.2.3 : 2019ETSI EN 301 489-3:2023, ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1 : V2.2.3 : 20193ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 20250ETSI EN 301 489-5 : V2.3.1 : 20252, ETSI EN 301 843-1:2019, ETSI EN 301 843-2 : V2.2.2 : 2025 3GPP 36.113:2025, 37.113:2026,38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
466	Telecommunication network equipment/ radio equipment and services	Harmonic current emissions	ETSI EN 300 386:2016, ETSI EN 301 489-1:2019, ETSI EN 301 489-3 ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1:20193, ETSI EN 301 489-1:20197 ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 20250, ETSI EN 301 489- 52 3GPP 36.113:2025, 37.113:2026,38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026,: 2023	Permanent
467	Telecommunication network equipment/radio equipment and services	Voltage Fluctuations and Flicker	ETSI EN 300 386:2016, ETSI EN 301 489-1:2019, ETSI EN 301 489-3 ETSI EN 301 489-5 : V2.3.1 : 2025, ETSI EN 301 489-1:20193, ETSI EN 301 489-1:20197 ETSI EN 301 489-1:2019, ETSI EN 301 489-5 : V2.3.1 : 20250, ETSI EN 301 489- 523GPP 36.113:2025, 37.113:2026,38.113:2026, ETSI TS 136 113:2025, ETSI TS 137 113 : V19.2.0 : 2026, ETSI TS 138 113EN 136.113:2025,EN 137.113:2026, EN 138.113:2026: 2023	Permanent
468	Testing and measurement techniques - Electrical fast	Electric Fast Transients	IEC 61000-4-4: 2012, EN 61000- 4-4:2012, IS 14700-4-4: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	transient/burst immunity test			
469	Testing and measurement techniques - Electrostatic discharge immunity test	Electrostatic Discharge Immunity Test	IEC 61000-4-2: 2008, EN 61000- 4-2:2009, IS 14700-4-2,ISO 10605:2023: 2023	Permanent
470	Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	Conducted disturbances, induced by radio-frequency fields Immunity Test	IEC 61000-4-6 :2013 (Revised) IEC 61000-4-6 :2023, EN 61000- 4-6: 2010, IS 14700-4-6: 2023	Permanent
471	Testing and measurement techniques - Impulse magnetic field immunity test	Pulse Magnetic field Immunity test	IEC 61000-4-9: 2016, EN 61000- 4-9: 2016, IS 14700-4-9: 2023	Permanent
472	Testing and measurement techniques - Power frequency magnetic field immunity test	Power Frequency Magnetic field Immunity test	IEC 61000-4-8: 2009, EN 61000- 4-8: 2010, IS 14700-4-8: 2023	Permanent
473	Testing and measurement techniques - Radiated, radio- frequency, electromagnetic field immunity test	Radiated radio frequency electromagnetic field Immunity Test	IEC 61000-4-3: 2020, EN 61000- 4-3:2020, IS 14700-4-3ISO 11452-2,SAE J1113/21,IEEE C37.90.2-2004 : 2023	Permanent
474	Testing and measurement techniques - Surge immunity test	Surge immunity test	IEC 61000-4-5: 2014+AMD1:2017 EN 61000-4-5: 2014+AMD1:2017 14700-4-5, IEEE Std C62.41.1: 2023	Permanent
475	Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	Voltage dips, short interruptions and voltage variations Immunity test	IEC 61000-4-11: 2020/ COR2: 2022, EN 61000- 4-11:2020IS 14700-4-11IEC 61000-4-29: 2000, EN 61000- 4-29:2001, IS 14700-4-29IEC 61000-4-34: 2005/AMD1: 2009/ COR1: 2009, EN 61000- 4-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			34:2007+A1:2009 IS 14700-4-34: 2023	
476	Unintentional Radiators	Conducted Emission Test	47 CFR Ch. 1 (Part 15), 47 CFR Ch. 1 (Part 18): 2023	Permanent
477	Unintentional Radiators	Radiated Emission Test	47 CFR Ch. 1 (Part 15), 47 CFR Ch. 1 (Part 18)\RSS-Gen, Issue 4, RSS- 247 Issue 2: 2023	Permanent
478	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locomotive / RF Products / Wireless Products Lightingproducts/ Measuringrelays/ Power station/Multimedia	Power Frequency Magnetic Field Immunity	IS 14700 : Part 4 : Sec 8 /IEC 61000-4-8, 3GPP 36.113:2025,37.113:2026,38.113:2026, EN 136.113:2025,EN 137.113:2026, EN 138.113:2026, IS15039 : 2018	Permanent
479	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia	Power Frequency Magnetic Field Immunity	EN 50121-4:2019: EN 61000-4-8: \:EN 55024 : 2010 + AC:2011\EN 55024 : 2010 + AC:2011:+A1: EN 55035: EN 60601-1-2 : 2015 + A1:2021 /AC,EN 60601- 1-2: EN 61000-6-1 : 2019\EN 61000-6- 2\EN 61326- 1: EN 61547 : 2009 + A1:2010: EN62040-2\IEC 60255-26:2023:2023(Edition 3.0) (05) IEC 61000-6-5:2015 (Edition 1.0) (08) @IEC 870-2-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			1(Edition 2.0)(12) CISPR 35: 2016	
480	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia	Power Frequency Magnetic Field Immunity	IEC 61000-4-8 (Edition 2.0) (09) EN 50083-2: IEC 60601-1-2:2014+A1 2020 IEC 60601-1-2:2014+A1 2020 IEC 61000-6-1 (Edition 3.0) (08)IEC 61000-6-2(Edition 2.0) (01)IEC 61000 6-2(Edition 3.0) (01)IEC 61326-1(Edition 2.0) (07) IEC 61547:2020\IEC62040-2 (Edition3.0) (11)	Permanent
481	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement//Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia	Power Frequency Magnetic Field Immunity	IEC 61000-4-8 (Edition 2.0)(09), EN 50155:2021,IEC 60601-1-2(Edition 3.0) (03) IEC 60601-1-2(Edition 4.0) (02), IEC 61000-6-1 (Edition 3.0) (08), IEC 61000-6-2(Edition 2.0) (01), IEC 61000-6-2 (Edition 3.0) (01), IEC 61326-1 (Edition 2.0) (07), IEC 61547:2020, IEC 61851 21-2, IEC 62040-2:2016:2016 , EN 50121-4:2019\EN 61000-4-8: \EN 55024 : 2010 + AC:2011\EN 55024 : 2010 + AC:2011 +A1: EN 55035: 2017	Permanent
482	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Automotive / Defense/Telecom /	Pulse Magnetic Field Immunity Test	IS 14700 : Part 4 : Sec 9 /IEC 61000-4-9, IS 15039 : 2019	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Consumer/Household / Machinery/ Test and Measurement//Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia			
483	Power Station/ Railway Products	Pulse Magnetic Field Immunity Test	IEC 61000-4-9 (Edition 1.1 Consol. with Amd. 1(03), IEC 61000-4-9: (Edition 2.0) (07), EN 61000-4-9\EN 61000-4-9: 2016	Permanent
484	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Radiated Emission Test	EN 12015:2020:3GPP 36.113:2025,37.113:2026,38.113:2026, EN 136.113:2025,EN 137.113:2026, EN 138.113:2026, CISPR 32:2015+A1 2019, EN 55011:2020\EN 55014-1:2021: /Amd.2\EN 55015:2019+A11 2020\EN 55015:2019+A11 2020+A1: EN 55022:2010+AC 2011: /AC\EN 50561-1:2013\EN 55032:2020: EN 55025\EN 55103-1: /Amd.1\EN 60601-1-2 : 2015 + A1:2021\AC\EN 60601-1-2 : 2015 + A1:2021:2015+A1:2021EN/IE C 61000-6-3:2026: /Amd. 1\EN61000-6-4: /Amd. 1: 2011	Permanent
485	IT Products/ Domestic/ Industrial Automation /	Radiated Emission Test	EN 61326-1 : 2021: IEC 61851-21-2:2018, EN 62040-	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks		2\EN 62052-11\EN 62053-21: : V1.1.1 (06) ETSI EN 300 386:2016 V2.1.1 (07) . V1.1.1 (09) ETSI EN 301 489-1:2019 V2.2.0 (03), ETSI EN 301 489-3:2023 V1.6.1 (08) ETSI EN 301 489-1:2019 V3.2.0 (03) 47 CFR Ch. I(12â€™1â€™16 Edition) (Part 15) 47 CFR Ch. I(12â€™1â€™16 Edition) Part 18 RSS-Gen, Issue 4, NovRSS-247 Issue 2 Feb: 2017, ETSI EN 301 489-5 : V2.3.1 : 20250 V2.4.1 (2025-09)	
486	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Radiated Emission Test	IEC 60601-1-2 (Edition 3.0)(03), IEC 60601-1-2 (Edition 4.0)(02) EN 50155:2021,EN 50083-2: IEC 61000-6-3:2026 (Edition 2.1) Consol. with Amd. 1 (02) IEC 61000-6-4:2018 (Edition 2.1 Consol. with Amd. 1 (02) IEC 61326-1 (Edition 2.0) (07) IEC 62040-2:2016:2016 IEC 62052- 11+AMD1: (Edition 1.1) IEC 62053- 21:/AMD1: (Edition 1.1) (11) CISPR 11:2024 (Edition 5.1) Consol. with Amd. 1 (05) CISPR 11:2024 CISPR 14-1:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
487	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Radiated Emission Test	ITU-T K.48 (09), AIS-049 (Rev.1): ICES-001 Issue 4, June (UPDATED - NOVEMBER) ICES-003 Issue 5, Aug ICES-003 Issue 6, January(Updated -June) ICES-005 Issue 3, MayICES-005 Issue 4, December TEC/EM 001/01/FEB-TEC/SD/DD/EMC 221/05/OCT-IEC 60974-10:2020(Edition3.1) (06), IEC 60255-26:2023:2023(Edition 3.0) (05), IEC 60571:2012 (Edition 3.0)(09) IEC 62236:2018-3-2(Edition 2.0)(12), EN 50121-3-1:2019 EN 50121-3-2:2019: CISPR 13+AMD1,CISPR 32:2015+A1 2019: 2015	Permanent
488	Receivers used on Board Vehicles, Boats and Internal Combustion Engines	Radiated Emission Test	IS 15040/CISPR 25:2021: 2020	Permanent
489	Requirements for Household Appliances, Electric Tools and Similar Apparatus Section 2 Emission	Radiated Emission Test	IS 6873 : PART 2 : SEC 1/ IS 6873-5:2010/ IS 6873-3:2024/ IS 6873-7: 2012	Permanent
490	vehicles, boats and internal combustion engines	Radiated Emission Test	IS 6873 : Part 1 /CISPR 12:2025: 2010	Permanent
491	Lamps & Luminaries	Radiated Magnetic Emission (Loop Antenna Method)	IS 6873-5, EN / IEC 61547:2020, IEC/EN	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			55015:2019+A11 2020,CIPSR 15: 2018	
492	Consumers and House Hold Products	Radiated RF Power Disturbance	IS 6873-2-1,CISPR 14-1:2020, EN/IEC 55014-1:2017	Permanent
493	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia	RF Radiated Susceptibility Test	IS 14700-4-3/ IEC 61000-4-3,3GPP 36.113:2025, 37.113:2026,38.113:2026, EN 136.113:2025,EN 137.113:2026, EN138.113:2026: 2019	Permanent
494	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic field Immunity Test	CISPR 14-2:2020 (Edition 1.2) Consol. with Amd. 1 &2 (07), CISPR 14-2:2020 (Edition 2.0) (02), EN 61000-4-3 : Amd. 2 :, EN 12016:, EN 50121-4:2019:, \:EN 55014-2 : 2021: Amd. 2\:EN 55014- 2\:EN 55024 : 2010 + AC:2011\:EN 55024 : 2010 + AC:2011+A1: EN 55103-2:2009\:EN 60601-1-2 : 2015 + A1:2021 /AC\:EN 60601-1-2 : 2015 + A1:2021:2015+A1:2021EN 50130-4 : 2011 + A1:2014:, EN 50130-4 : 2011 + A1:2014+A1: 2014	Permanent



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Validity : 29.09.2030

Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
495	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic field Immunity Test	EN 61000-6-1 : 2019:,EN 61000-6-2 : 2019:,EN 61326-1 : 2021:, EN 61496-1\;EN61547\;EN 62040-2\;EN 62052-11\;EN 62053-21\; V1.1.1 (06), ETSI EN 300 386:2016 V2.1.1 (07), . V1.1.1 (09) ETSI, EN 301 489-1 V2.2.0 (03), ETSI EN 301 489-3:2023V1.6.1 (08), ETSI EN 301 489-1:20197 V3.2.0 (03) GR- 1089-CORE, Issue 5, AugustGR 1089- CORE, Issue 5, AugustGR-1089- CORE: Issue 6, MayITU-T K.43 (07) ITU-T K.48 (09) ISO 1145: 2016, ETSI EN 301 489-5 : V2.3.1 : 20250 V2.4.1 (2025-09)	Permanent
496	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/	Radiated radio frequency electromagnetic field Immunity Test	IEC 60974-10:2020 (Edition 3.1) (06),EN 50155:2021, IEC 61851-21-2:2018, IEC 60255-26:2023:2023(Edition 3.0) (05), IEC 61000-6-5:2015 (Edition 1.0) (08), CISPR 35:2016 SAE J1113/21 (05) IEC 60870- 2-1(Edition 2.0) (12) IEEE C37.90.2-CISPR 35: 2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Lifts Elevators and Moving walks			
497	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic field Immunity Test	IEC 61000-4-3 (Edition 3.2) Consol. with Amd. 1 & 2 (04), IEC 60601-1-2:2014+A1 2020, EN 50083-2: IEC 60601-1-2:2014+A1 2020, IEC 61000-6-1 (Edition 3.0) (08) IEC 61000-6-2 (Edition 3.0) (08), IEC 61326-1 (Edition 2.0) (07), IEC 61496-1:2022 (Edition 3.0) (04) IEC 61547:2020\IEC 62040-2:2016:2016, IEC 62052- 11:+AMD1: (Edition 1.1), IEC 62053- 21:/AMD1: (Edition 1.1) (11): 2016	Permanent
498	Any Electrical /Electronic ProductWith DC Power Port	Voltage Dips Short Interruption & Voltage Variations Immunity Test on D.C. input power port immunity tests	IEC 61000-4-29:, CISPR 35:2016, EN 55024 : 2010 + AC:2011 \:EN 55014-2 : 2021 \:CISPR 14-2:2020 \:EN 61000- 6-1\:EN 61000-6-2:,IEC 61000-6- 1:2016:,IEC 61000-6-2:,TEC/ SD/DD/EMC-221-05/OCT- EN 55035: 2017	Permanent
499	Any Electrical /Electronic ProductWith DC Power Port	Voltage Dips Short Interruption & Voltage Variations Immunity Test on D.C. input power port immunity tests	IEC 61000-4-29:2000, EN 61000-4-29: 2001	Permanent
500	IT Products/ Domestic/ Industrial Automation /	Voltage Dips Short Interruption & Voltage	IS 14700 : Part 4 : Sec 11 /IEC 61000-4-11, IS 15039 : 2018	Permanent



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	Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Variations Immunity Test on D.C. input power port immunity tests		
501	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	EN 55024 : 2010 + AC:2011:, 3GPP 36.113:2025,37.113:2026,38.113:2026, EN 136.113:2025,EN 137.113:2026, EN 138.113:2026, EN 55024 : 2010 + AC:2011:+A1: EN 55103-2:2009\EN 50130-4 : 2011 + A1:2014\EN 50130-4 : 2011 + A1:2014:+A1: EN 60601-1-2 : 2015 \+ A1:2021:2015+A1:2021/AC, EN 50083- 2: EN 60601-1-2 : 2015 + A1:2021\EN 61000-6-1 : 2019\EN 61000-6-2 : 2019\EN 61326-1 : 2021\EN 61496-1:, EN 61547 : 2009 + A1:2010:@EN 61000-4-34 +A1: EN 62052-11\EN 55035: 2017	Permanent



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

Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
502	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	V1.1.1 (06), ETSI EN 300 386:2016 V2.1.1 (07), . V1.1.1 (09), ETSI EN 301 489-1:2019 V2.2.0(03), ETSI EN 301 489-3:2023V1.6.1 (08), ETSI EN 301 489-1:20197 V3.2.0 (03) ITU- T K.43 (07) ITU- T K.48 (09), ETSI EN 301 489-5 : V2.3.1 : 20250 V2.4.1 (2025-09),TEC/EMI/TEL-001/01/FEB, TEC/SD/DD/EMC 221/05/OCT- IEC 60974-10:2020 (Edition 3.1) (06) IEC 60255-26:2023:2023(Edition 3.0) (05) IEC 61000-6-5:2015 (Edition 1.0) (08) CISPR 35 :2016, IEC 870-2- 1(Edition 2.0) (12) CISPR 35: 2016	Permanent
503	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	IEC 61000-4-11: EN 50155:2021,IEC 60601-1-2:2014+A1 2020 IEC 60601-1-2:2014+A1 2020, IEC 61000-6-1 (Edition 3.0) (08), IEC 61000-6-2 (Edition 2.0) (01), IEC 61000-6-2 (Edition 3.0) (08), IEC 61326-1 (Edition 2.0) (07) , IEC 61496-1:2022 (Edition 3.0) (04) IEC 61547:2020\IEC 62052-11:2020 +AMD1,IEC 61851-21-2:2018	Permanent



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504	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	IEC 62053- 21/AMD1: (Edition 1.1) (11) @IEC 61000-4-34 @IEC 61000-4-34/AMD1/ COR1: CISPR 14-2:2020 (Edition 1.2) Consol. with Amd. 1 & 2 (07) CISPR 14-2:2020(Edition 2.0) (02),EN 61000-4- 11\EN 12016: \EN 55014-2 : 2021 : Amd., 2\EN 55014-2 : 2021:2015	Permanent
505	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage Fluctuations and Flicker	EN 61000-3-3,EN IEC 61000-3-11:2019, IEC 61000-6-3:2026\A1\EN 61326-1 : 2021\ETSI EN 300 386:2016 V2.1.1 (07) ETSI EN 301489-1 V2.2.0(03), ETSI EN301 489-3 V1.6.1 (08), IEC 60974-10:2020 (Edition 3.1) (06), IEC 60870-2-1 : 1996(Edition 2.0) (12), ETSI EN 301 489-1:2019V3.2.0 : 2017, ETSI EN 301 489-5 : V2.3.1 : 20250 V2.4.1 (2025-09)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
506	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage Fluctuations and Flicker	IS 14700 : Part 3 : Sec 3 /IEC 61000-3-3, 3GPP 36.113:2025, 37.113:2026,38.113:2026, EN 136.113:2025,EN 137.113:2026, ETSI TS 138 113 V16.3.0 (2021-04)	Permanent
507	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage Fluctuations and Flicker	IEC 61547:2020, EN 50155:2021, IEC 60601-1-2:2014+A1 2020 IEC 61000-3-3:2013+A1:2017, IEC 61000-3-11 (Edition 1.0) (08) IEC 61000-6-3:2026, EN 12015:2020: EN 60601-1-2 : 2015 + A1:2021	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
508	Automotive products, Sub-Assemblies	Conducted Transient Emission, Transient immunity test: Pulse 1, 2a,2b,3a,3b	ISO 7637-2:2011	Permanent
Discipline: Electronics, Group: Environment Testing				
509	Electrical, Electronic and Electro-mechanical Items	Damp Heat Cyclic, Tropical Exposure (Damp Heat Cyclic)	IEC 60068-2-30:2025, ETSI EN 300 019, EN 60068-2-30:2025, IS 9000 : Part 5 : Sec 1 AND 2: 1981 (Reaffirmed Year : 2022), QM-333 Issue: March 2010 (Test No 3), Test No 27 (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), Test No. 05 of JSS 50101: 2001	Permanent
510	Electrical, Electronic and Electro-mechanical Items	High Temperature Test (Dry Heat Cycle)	IEC 60068-2-2:2025, EN 60068-2-2:2025, IS 9000 (Part 3/Sec 1 to 5):1977, RA:2019, ETSI EN 300 019, Test No. 2 of QM-333 Issue: March 2010, Test No. 17 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020)	Permanent
511	Electrical, Electronics and Electro-mechanical Items	Damp heat Steady State	IEC 60068-2-78:2025, EN 60068-2-78 : 2025, IS 9000: Part 4 : 2020 (Reaffirmed Year : 2023), ETSI EN 300 019-2-6:2023, Test No. 5 of QM-333 Issue: March 2010, Test No. 10 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020)	Permanent
512	Electrical, Electronics and Electro-mechanical Items	Shock Test	IEC 61373: 2010, EN 61373: 2010	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
513	Electrical, Electronics and Electro-mechanical Items	Vibration Test	IEC 60255-21-1:1988	Permanent
514	Electrical, Electronics and Electro Mechanical Products	Humidity Test	Method 507.6 of MIL 810H, Method 507.5 of MIL 810G, Method 507.4 of MIL 810F, Method 507.3 of MIL 810E, Test No. 3 of QM-333 Issue: March 2010	Permanent
515	Electrical, Electronics and Electro-mechanical Items	Cold Test, Low Temperature (Cold Cycle), Low Temperature	IEC 60068-2-1:2025, IS 9000 (Part 2/Sec 1 to 4):1977 Reaffirmed In:2019, ETSI EN 300 019, Test No. 1 of QM-333 Issue: March 2010, Test No. 20 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), Method 502.7 of MIL 810H, Method 502.5 of MIL 810G, Method 502.4 of MIL 810F, Method 502.3 of MIL 810E	Permanent
516	Electrical, Electronics and Electro-mechanical Items	Drop, Topple and Fall Test	Test No. 10 of QM-333 Issue: March 2010, Test No. 13 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), Method 516.8 of MIL 810H, Method 516.6 of MIL 810G, Method 516.5 of MIL 810F, Method 516.4 of MIL 810E, Test No. 11 of QM-333 Issue: March 2010, Test No. 26 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), Test No. 12 of QM-333 Issue: March 2010	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
517	Electrical, Electronics and Electro-mechanical Items	Composite temperature/humidity Cyclic test	IEC 60068-2-38:2021, IS 9000 (Part 6):1978 RA:2019, ETSI EN 300 019	Permanent
518	Electrical, Electronics and Electro-mechanical Items	Constant High Humidity Test	JASO D 001-94 Method 5.19	Permanent
519	Electrical, Electronics and Electro-mechanical Items	Heat Cycle Test	JASO D 001-94 Method 5.19	Permanent
520	Electrical, Electronics and Electro-mechanical Items	High Temperature Test	JASO D 001-94 Method 5.14 & 5.15	Permanent
521	Electrical, Electronics and Electro-mechanical Items	Low Temperature Test	JASO D 001-94 Method 5.12 & 5.13	Permanent
522	Electrical, Electronics and Electro-mechanical Items	Temperature and humidity Test	JASO D 001-94 Method 5.18	Permanent
523	Electrical, Electronics and Electro-mechanical Items	Thermal Shock Test	JASO D 001-94 Method 5.17	Permanent
524	Electrical, Electronics and Electro-mechanical Items	Vibration Test	JASO D 001-94 Method 5.23	Permanent
525	Electrical, Electronics and Electro-mechanical Items	Impact Test, Vertical Impact Drop, Shock, Bounce, Hammer Test	IS 9000 (Part 7/Sec 1 to 5):1979, RA:2019, IS 7028 (Part 4):1987 ISO 2248:1985, RA:2018, IEC 60068-2-31:2008, IS 9000 (Part 7/Sec 3):2019, IS 9000 (Part 7/Sec 1):2018, IEC 60068-2-27:2008 RA:2021, IS 9000 (Part 7/Sec 6):1988, RA:2021, IS 9000 (Part 7/Sec 7):2020, IEC 60068-2-75:2025, ETSI EN 300 019, Test No. 10 of QM-333 Issue: March 2010, Test No. 13 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
526	Electrical, Electronics and Electro-mechanical Items	Drip proof	Test No. 11 of JSS 55555	Permanent
527	Electrical, Electronics and Electro-mechanical Items	Dust resistance test	JASO D 001-94 Method 5.25	Permanent
528	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP1X	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
529	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP2X	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
530	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP3X	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
531	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP4X	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
532	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP5X	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
533	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP6X	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
534	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX1	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
535	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX2	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
536	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX3	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
537	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX4	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
538	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX5	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
539	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX6	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
540	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX7, Water Immersion Test	IEC 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
541	Electrical, Electronics and Electro-mechanical Items	IP TEST (Dripping and Light Splashing)	NEMA 4X, NEMA 250, IS 17017 (part 1)	Permanent
542	Electrical, Electronics and Electro-mechanical Items	Rain Test	Test No-14 of QM-333 Issue: March 2010, Test No 12 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), IS 9000 PART 16	Permanent
543	Electrical, Electronics and Electro-mechanical Items	Water Immersion	IEC 60068-2-18, MIL 810 E, F, G, H	Permanent
544	Electrical, Electronics and Electro-mechanical Items	Low air Pressure (Altitude) Test	Test No 3 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020)	Permanent
545	Electrical, Electronics and Electro-mechanical Items	Salt mist test / salt Spray / Condemnation Test	IEC 60068-2-11:2021, IS 9000 (Part 11):1983, RA:2019, ETSI EN 300 019-2-4, Test No. 9 of QM-333 Issue: March 2010, Test No. 9 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), Test No. 6 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), IEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			60068-2-52:2017, Method 509.7 of MIL 810H, Method 509.5 of MIL 810G, Method 509.4 of MIL 810F, Method 509.3 of MIL 810E	
546	Electrical, Electronics and Electro-mechanical Items	Temperature shock Test	MIL 810 E, F, G, H	Permanent
547	Electrical, Electronics and Electro-mechanical Items	Salt mist test / salt Spray / Condemnation Test	EN 60068-2-11, EN 60068-2-52, EN 50155:2021, IEC 60571:2012, IEC/EN 60077-1, ASTM B117, DO 160 G, IEC 62586-1, AIS-138 (Part 1), AIS-138 (Part 2), ISO 9227	Permanent
548	Electrical, Electronics and Electro-mechanical Items	Salt water spray test	JASO D 001-94 Method 5.22	Permanent
549	Electrical, Electronics and Electro-mechanical Items	SALT-SPRAY TEST	NEMA 4X, NEMA 250	Permanent
550	Electrical, Electronics and Electro-mechanical Items	Sand & Dust Test (1meter cube)	JSS 55430:2015 (Revision No. 1) Test No.13.18, Test number 8 of JSS 50101:1996, Test number 14 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), Test number 15 of QM-333 Issue: March 2010, Method 510.7 of MIL 810H, Method 510.5 of MIL 810G, Method 510.4 of MIL 810F, Method 510.3 of MIL 810E	Permanent
551	Electrical, Electronics and Electro-mechanical Items	Vibration (Sinusoidal), Vibration Test, Vibration, Broadband Random	IEC 60068-2-6:2007, IS 9000 (Part 8):1981, RA:2021, Test no. 6 of QM-333 Issue: March 2010, Test number 28 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), Method	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			514.8 of MIL 810H, Method 514.6 of MIL 810G, Method 514.5 of MIL 810F, Method 514.4 of MIL 810E, IEC 61373:2010, IEC 60068-2- 64:2008+AMD1:2019	
552	Electrical, Electronics and Electromechanical Items	Climatic	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.16	Permanent
553	Electrical, Electronics and Electromechanical Items	Corrosive Atmosphere (Salt Mist), Up to 800mm cube	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.20, Test number 4 of JSS 50101:1996	Permanent
554	Electrical, Electronics and Electromechanical Items	Damp Heat (Cyclic)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.16.5, Test number 5 of JSS 50101:1996	Permanent
555	Electrical, Electronics and Electromechanical Items	Damp Heat (Cyclic) (severity H 12 only)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.16.8.1, Test number 5 of JSS 50101:1996	Permanent
556	Electrical, Electronics and Electromechanical Items	Damp Heat (cyclic) (severity H 13 only)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.16.8.2, Test number 4 of JSS 50101:1996	Permanent
557	Electrical, Electronics and Electromechanical Items	Damp Heat (Steady State)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.17, Test number 7 of JSS 50101:1996	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
558	Electrical, Electronics and Electromechanical Items	Damp Heat Cyclic, Tropical Exposure (Damp Heat Cyclic)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.16.8, Test number 3 of QM-333 Issue: March 2010, Test number 27 of JSS 55555	Permanent
559	Electrical, Electronics and Electromechanical Items	Drop	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.12	Permanent
560	Electrical, Electronics and Electromechanical Items	Impact (Shock)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.14, Test No.24 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020)	Permanent
561	Electrical, Electronics and Electromechanical Items	Rapid temperature cycling (Thermal shock)	Test no.22 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020), Test no. 4 of QM-333 Issue: March 2010	Permanent
562	Electrical, Electronics and Electromechanical Items	Sealing (Immersion)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.19, Test number 18 of JSS 50101:1996, Test no.19 of (JSS 55555 2000, JSS 55555 2012, JSS 55555 2020)	Permanent
563	Electrical, Electronics and Electromechanical Items	Temperature (Cycling)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.15	Permanent
564	Electrical, Electronics and Electromechanical Items	Temperature (Dry Cold)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.16.6, Test number 21 of JSS 50101:1996	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
565	Electrical, Electronics and Electromechanical Items	Temperature (Dry Heat)	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.16.4, Test number 22 of JSS 50101:1996	Permanent
566	Electrical, Electronics and Electromechanical Items	Vibration	JSS 55430:2015 (Revision No. 1) & JSS 55430:2020 (Revision No. 2) Test No.13.13	Permanent
567	Electrical, Electronics and Electromechanical Items	Change of temperature	ETSI EN 300 019-2-4, IEC 60068-2-14:2023	Permanent
568	Electrical, Electronics and Electro-mechanical Items	Damp Heat Cyclic, Tropical Exposure (Damp Heat Cyclic)	EN 50155:2021, IEC 60571:2012, IEC/EN 60077-1:2017, DO 160 G, ETSI EN 300 019-2-1, ETS 300 019-1-3, AIS-138 (Part 1), AIS-138 (Part 2)	Permanent
569	Electrical, Electronics and Electro-mechanical Items	High Temperature Test (Dry Heat Cycle)	EN 50155:2021, IEC 60571:2012, IEC/EN 60077-1:2017, Method 501.7 of MIL 810H, Method 501.5 of MIL 810G, Method 501.4 of MIL 810F, Method 501.3 of MIL 810E, DO 160 G, ETSI EN 300 019-2-1, ETS 300 019-1-3, IEC 62586-1, AIS-138 (Part 1), AIS-138 (Part 2)	Permanent
570	Electrical, Electronics and Electro-mechanical Items	Damp Heat (Steady State)	IEC/EN 60077-1:2017, ETSI EN 300 019-2-1, ETS 300 019-1-3, IEC 62586-1	Permanent
571	Electrical, Electronics and Electro-mechanical Items	Shock Test	IEC 61373: 2010, EN 61373: 2010, EN 50155:2021, IEC 60571:2012, IEC/EN 60077-1:2017, DO 160 G, ETSI EN 300 019-2-1, IEC 60721-3-	Permanent



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			1:2018, IEC 60721-3-2:2018, IEC 62586-1:2017	
572	Electrical, Electronics and Electro-mechanical Items	Shock resistance test	JASO D 001-94 Method 5.24	Permanent
573	Electrical, Electronics and Electro-mechanical Items	Sulphur dioxide test	IS 9000 PART 26 / IEC 60068-2-42:2003	Permanent
574	Electrical, Electronics and Electro-mechanical Items	Cold Test, Low Temperature (Cold Cycle), Low Temperature	EN 60068-2-1:2025, EN 50155:2021, IEC/EN 60077-1, IEC 60571:2012, DO 160 G, ETSI EN 300 019-2-1, ETS 300 019-1-3, IEC 62586-1, AIS-138 (Part 1):2017, AIS-138 (Part 2):2018	Permanent
575	Electrical, Electronics and Electro-mechanical Items	Salt mist test / salt Spray / Condemnation Test	EN 60068-2-11:2021, EN 60068-2-52:2017, EN 50155:2021, IEC 60571:2012, IEC/EN 60077-1, ASTM B117, DO 160 G, IEC 62586-1:2017, AIS-138 (Part 1):2017, AIS-138 (Part 2):2018, ISO 9227:2017	Permanent
576	Electrical, Electronics and Electro-mechanical Items	Vibration (Sinusoidal), Vibration Test, Vibration, Broadband Random	EN 50155:2021, IEC 60571:2012, IEC/EN 60077-1:2017, DO 160 G, ETSI EN 300 019-2-1, IEC 62586-1:2017	Permanent
577	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 1)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
578	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 2)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
579	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 3)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
580	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 4)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
581	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 5)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
582	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 6)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
583	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 7)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
584	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 8)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
585	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 9)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
586	Electrical, Electronics and Electro-mechanical Items	Mechanical impacts (IK 10)	IEC 62262:2002+AMD1:2021 / EN 62262:2002+AMD1:2021	Permanent
587	Electrical, Electronics and Electro-mechanical Items	Change of temperature	IS:9000 Part 14, Sec 2, ETSI EN 300 019-2-1, ETS 300 019-1-3, IEC 62586-1:2017, AIS-138 (Part 1):2017, AIS-138 (Part 2):2018	Permanent
588	Electrical, Electronics and Electro-mechanical Items	Dust Test	IS 9000 : Part 12 : 1981 (Reaffirmed Year : 2019)	Permanent
589	Electrical, Electronics and Electro-mechanical Items	High air Temperature	IEC 60721-3-1:2018, IEC 60721-3-2:2018	Permanent
590	Electrical, Electronics and Electro-mechanical Items	High relative Humidity	IEC 60721-3-1:2018, IEC 60721-3-2:2018	Permanent
591	Electrical, Electronics and Electro-mechanical Items	Rate of change of temperature	IEC 60721-3-1:2018, IEC 60721-3-2:2018	Permanent
592	Electrical, Electronics and Electro-mechanical Items	Random Vibration	IEC 60721-3-1:2018, IEC 60721-3-2:2018	Permanent
593	Electrical, Electronics and Electro-mechanical Items	Vibration, Random Vibration	ISO 16750-3:2012	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
594	Electrical, Electronics and Electro-mechanical Items	Vibration	DO 160 H, F Section 8	Permanent
595	Electrical, Electronics and Electro-mechanical Items	Damp Heat Cyclic, Tropical Exposure (Damp Heat Cyclic)	DO 160 H, F section 6	Permanent
596	Electrical, Electronics and Electro-mechanical Items	High Temperature Test (Dry Heat Cycle)	DO 160 H, F section 5	Permanent
597	Electrical, Electronics and Electro-mechanical Items	Sand & Dust	DO 160 H, F section 12	Permanent
598	Electrical, Electronics and Electro-mechanical Items	Salt Spray	DO 160 H, F section 14	Permanent
599	Electrical, Electronics and Electro-mechanical Items	High Temperature Test	JSS 5855-11:2019	Permanent
600	Electrical, Electronics and Electro-mechanical Items	Low Temperature Test	JSS 5855-11:2019	Permanent
601	Electrical, Electronics and Electro-mechanical Items	Damp Heat Test	JSS 5855-11:2019	Permanent
602	Electrical, Electronics and Electro-mechanical Items	Drop Test	JSS 5855-11:2019	Permanent
603	Electrical, Electronics and Electro-mechanical Items	Dust test	JSS 5855-11:2019	Permanent
604	Electrical, Electronics and Electro-mechanical Items	RAPID TEMPERATURE CYCLING (THERMAL SHOCK)	JSS 5855-11:2019	Permanent
605	Electrical, Electronics and Electro-mechanical Items	Vibration test	JSS 5855-11:2019	Permanent
606	Electrical, Electronics and Electro-mechanical Items	Tropical Exposure	JSS 5855-11:2019	Permanent
607	Electrical, Electronics and Electro-mechanical Items	Sealing Test	JSS 5855-11:2019	Permanent
608	Electrical, Electronics and Electro-mechanical Items	IMMERSION Test	JSS 5855-11:2019	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
609	Electrical, Electronics and Electro-mechanical Items	CORROSION (SALT/SALT FOG)	JSS 5855-11:2019	Permanent
610	Electrical, Electronics and Electro-mechanical Items	DRIVING RAIN	JSS 5855-11:2019	Permanent
611	Electrical, Electronics and Electro-mechanical Items	DROP	JSS 5855-11:2019	Permanent
612	Electrical, Electronics and Electro-mechanical Items	Dust	JSS 5855-11:2019	Permanent
613	Electrical, Electronics and Electro-mechanical Items	Vibration	JIS D1601	Permanent
614	Electrical, Electronics and Electro-mechanical Items	Dry heat Operational	IEC 60255-1	Permanent
615	Electrical, Electronics and Electro-mechanical Items	Cold test Operational	IEC 60255-1	Permanent
616	Electrical, Electronics and Electro-mechanical Items	Cold test storage	IEC 60255-1	Permanent
617	Electrical, Electronics and Electro-mechanical Items	Cyclic Temperature test	IEC 60255-1	Permanent
618	Electrical, Electronics and Electro-mechanical Items	Damp Heat steady state test	IEC 60255-1	Permanent
619	Electrical, Electronics and Electro-mechanical Items	Cyclic Temperature with humidity test	IEC 60255-1	Permanent
620	Electrical, Electronics and Electro-mechanical Items	Xenon Arc Light Exposure of Non-Metallic Materials	ASTM G 155	Permanent
621	Electrical, Electronics and Electro-mechanical Items	Xenon Arc Weathering	ASTM D 7869	Permanent
622	Electrical, Electronics and Electro-mechanical Items	SOLAR RADIATION	Test number 25 of (JSS 5555 2000, JSS 5555 2012, JSS 5555 2020), IEC 60068-2-5:2018, IS 9000 (Part 17)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
623	Electrical, Electronics and Electro-mechanical Items	UV Weathering	ASTM G 154	Permanent
624	Electrical, Electronics and Electro-mechanical Items	Visual inspection	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
625	Electrical, Electronics and Electro-mechanical Items	Performance test	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
626	Electrical, Electronics and Electro-mechanical Items	Cooling test	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
627	Electrical, Electronics and Electro-mechanical Items	Dry heat test	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
628	Electrical, Electronics and Electro-mechanical Items	Damp heat test (Cyclic)	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
629	Electrical, Electronics and Electro-mechanical Items	Salt mist test	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
630	Electrical, Electronics and Electro-mechanical Items	Vibration, shock & bump test	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
631	Electrical, Electronics and Electro-mechanical Items	Water tightness test	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
632	Electrical, Electronics and Electro-mechanical Items	Equipment stress screening	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
633	Electrical, Electronics and Electro-mechanical Items	Low temperature storage test	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
634	Electrical, Electronics and Electro-mechanical Items	Burn – in test	Specification No: (ELRS /SPEC/ SI /0015) For RDSO	Permanent
635	Electrical, Electronics and Electro-mechanical Items	Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials	ASTM G154 – 16	Permanent
636	Electrical, Electronics and Electro-mechanical Items	Methods of exposure to laboratory light sources —	ISO 4892-2	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
637	Electrical, Electronics and Electro-mechanical Items	Methods of exposure to laboratory light sources	IEC 60068-2-5:2018	Permanent
638	Electrical, Electronics and Electro-mechanical Items	Vibration (Sine)	IS 9001 Part -13:2003	Permanent
639	Electrical, Electronics and Electro-mechanical Items	Burn in test	CEMILAC/5390/AW/4/ Directives issued 13 feb 2015	Permanent
640	Electrical, Electronics and Electro-mechanical Items	Vibration	CEMILAC/5390/AW/4/ Directives issued 13 feb 2015	Permanent
641	Electrical, Electronics and Electro-mechanical Items	Thermal Cycle	CEMILAC/5390/AW/4/ Directives issued 13 feb 2015	Permanent
642	Electrical, Electronics and Electro-mechanical Items	Change of temp test	RDSO/ SPN/ 144/2006	Permanent
643	Electrical, Electronics and Electro-mechanical Items	Dry heat test	RDSO/ SPN/ 144/2006	Permanent
644	Electrical, Electronics and Electro-mechanical Items	Cold test	RDSO/ SPN/ 144/2006	Permanent
645	Electrical, Electronics and Electro-mechanical Items	Damp heat test (Cyclic)	RDSO/ SPN/ 144/2006	Permanent
646	Electrical, Electronics and Electro-mechanical Items	Damp heat test (Steady state storage)	RDSO/ SPN/ 144/2006	Permanent
647	Electrical, Electronics and Electro-mechanical Items	Salt mist test	RDSO/ SPN/ 144/2006	Permanent
648	Electrical, Electronics and Electro-mechanical Items	Dust test	RDSO/ SPN/ 144/2006	Permanent
649	Electrical, Electronics and Electro-mechanical Items	Water Immersion test	RDSO/ SPN/ 144/2006	Permanent
650	Electrical, Electronics and Electro-mechanical Items	Driving Rain test	RDSO/ SPN/ 144/2006	Permanent
651	Electrical, Electronics and Electro-mechanical Items	Shock test (to simulate the effect of shunting shock) Severity 1 & Severity 2	RDSO/ SPN/ 144/2006	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
652	Electrical, Electronics and Electro-mechanical Items	Vibration test	RDSO/ SPN/ 144/2006	Permanent
653	Electrical, Electronics and Electro-mechanical Items	Environmental Stress Screening tests (ESS) for Printed Circuit Boards (PCB) & sub systems: 1. Thermal cycling 2. Power cycling	RDSO/ SPN/ 144/2006	Permanent
654	Electrical, Electronics and Electro-mechanical Items	Random Vibration	MIL HDBK 2164A :1996	Permanent
655	Electrical, Electronics and Electro-mechanical Items	Thermal (Temperature) Cycle	MIL HDBK 2164A: 1996	Permanent
656	Automobile parts Sine Vibrations	Sine Vibrations	JIS D1601	Permanent
657	Automotive Electrical & Electronic Equipment	Constant high humidity test, Test Method: 5.19	JASO D 001	Permanent
658	Automotive Electrical & Electronic Equipment	Heat cycle test, Test Method: 5.16	JASO D 001	Permanent
659	Automotive Electrical & Electronic Equipment	High temperature maintain test, Test Method: 5.14	JASO D 001	Permanent
660	Automotive Electrical & Electronic Equipment	High temperature operation test, Test Method: 5.15	JASO D 001	Permanent
661	Automotive Electrical & Electronic Equipment	Low temperature operation test, Test Method: 5.13	JASO D 001	Permanent
662	Automotive Electrical & Electronic Equipment	Shock resistance test, Test Method: 5.24	JASO D 001	Permanent
663	Automotive Electrical & Electronic Equipment	Temperature and humidity cycle test, Test Method: 5.18	JASO D 001	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
664	Automotive Electrical & Electronic Equipment	Thermal shock test, Test Method: 5.17	JASO D 001	Permanent
665	Automotive Electrical & Electronic Equipment	Vibration test, Test Method: 5.23	JASO D 001	Permanent
666	Automotive Electrical & Electronic Equipment	Dust resistance test, Test Method: 5.25	JASO D 001	Permanent
667	Automotive Electrical & Electronic Equipment	Low temperature maintain test, Test Method: 5.12	JASO D 001	Permanent
668	Automotive Electrical & Electronic Equipment	Salt water spray test, Test Method: 5.22	JASO D 001	Permanent
669	Automotive Electrical & Electronic Equipment	Temperature characteristics test, Test Method: 5.11	JASO D 001	Permanent
670	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP1X	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
671	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP2X	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
672	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP3X	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
673	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP4X	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
674	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP5X	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
675	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 1st characteristic numeral IP6X	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent



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Certificate No.: T-0069

Issue date : 30.09.2026

Validity : 29.09.2030

Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
676	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX1	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
677	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX2	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
678	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX3	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
679	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX4	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
680	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX5	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
681	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX6	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
682	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX7, Water Immersion Test	BS EN 60529:1989+AMD1:1999+AM D2:2013	Permanent
683	Electrical, Electronics and Electro-mechanical Items	Ingress Protection, 2nd characteristic numeral IPX8, Water Immersion Test	IEC 60529:1989+AMD1:1999+AM D2:2013 / BS EN 60529:1989+AMD1:1999+AM D2:2013, IEC 60950-22:2016	Permanent
684	Cable harness components and their original products	Accelerated Environmental Exposure (Thermal Shock) Conditioning	USCAR-38, 4.5	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
685	Cable harness components and their original products	Connector Drop Test	PF90012, 6.4.2 N	Permanent
686	Cable harness components and their original products	Mechanical Shock	PF90012, 6.4.2 K	Permanent
687	Cable harness components and their original products	Conditioning	GS 95006, B 28.1	Permanent
688	Cable harness components and their original products	Conditioning	GS 95006 B 53.1	Permanent
689	Cable harness components and their original products	Drop test - repeated free fall - method 2	GS 95006, B 6.1	Permanent
690	Cable harness components and their original products	High-/low-temperature aging	GS 95006 B 52.1	Permanent
691	Cable harness components and their original products	Humid heat, cyclic	GS 95006, B 15.3	Permanent
692	Cable harness components and their original products	Humid heat, cyclic	GS 95006, B 19.5	Permanent
693	Cable harness components and their original products	Low-temperature aging	GS 95006, B 20.3	Permanent
694	Cable harness components and their original products	Mechanical shock (individual shocks)	GS 95006, B 19.7	Permanent
695	Cable harness components and their original products	Mechanical shock	GS 95006 B 52.3	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
696	Cable harness components and their original products	Shock test with constant energization	GS 95006 B 53.4	Permanent
697	Cable harness components and their original products	Drop test	LV214, B 6.1	Permanent
698	Cable harness components and their original products	Drop test	MBN 10384, B 6.1	Permanent
699	Cable harness components and their original products	Dynamic load, broadband random vibration	LV214, B 17.2	Permanent
700	Cable harness components and their original products	Dynamic load, broadband random vibration	LV214, B 19.6	Permanent
701	Cable harness components and their original products	Dynamic load, sinusoidal	LV214, B 17.1	Permanent
702	Cable harness components and their original products	Dynamic load, sinusoidal	MBN 10 384, B 17.1	Permanent
703	Cable harness components and their original products	Endurance shock test	LV214, B 17.3	Permanent
704	Cable harness components and their original products	Humid heat, cyclic	LV214, B 15.3	Permanent
705	Cable harness components and their original products	Humid heat, cyclic	LV214, B 19.5	Permanent
706	Cable harness components and their original products	Low-temperature aging	LV214, B 20.3	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
707	Cable harness components and their original products	Mechanical shocks (single shocks)	LV214, B 19.7	Permanent
708	Cable harness components and their original products	Humid heat, cyclic	MBN 10 384, B 15.3	Permanent
709	Cable harness components and their original products	Humid heat, cyclic	MBN 10 384, B 19.5	Permanent
710	Cable harness components and their original products	Low-temperature aging	MBN 10 384, B 20.3	Permanent
711	Cable harness components and their original products	Mechanical shocks (single shocks)	MBN 10 384, B 19.7	Permanent
712	Cable harness components and their original products	Humid heat, cyclic	GMW3191, 4.4.3	Permanent
713	Cable harness components and their original products	Mechanical Shock (Test No. 1)	GMW3191, 4.2.21	Permanent
714	Cable harness components and their original products	Pressure/Vacuum Leak	GMW3191, 4.4.10	Permanent
715	Cable harness components and their original products	Pressure/Vacuum Leak	USCAR-2 Rev 7, 5.6.6	Permanent
716	Cable harness components and their original products	Random vibration	IEC 60512-6-5	Permanent
717	Cable harness components and their original products	Resonance frequency of the contact assembly	GS95006 B 17.4	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
718	Cable harness components and their original products	Resonance frequency of the contact assembly	LV214, B 17.4	Permanent
719	Cable harness components and their original products	Resonance frequency of the contact assembly	MBN 10 384, B 17.4	Permanent
720	Cable harness components and their original products	Resonance frequency of the contact assembly	VW 75174, L 17.4	Permanent
721	Cable harness components and their original products	Temperature change	VW 75174, L 19.2	Permanent
722	Cable harness components and their original products	Temperature cycle (only groups 2 and 3)	GS 95006, B 19.2	Permanent
723	Cable harness components and their original products	Temperature cycle	LV214, B 19.2	Permanent
724	Cable harness components and their original products	Temperature cycle	MBN 10 384, B 19.2	Permanent
725	Cable harness components and their original products	Temperature shock	GS 95006 B 23.2	Permanent
726	Cable harness components and their original products	Temperature shock	GS 95006, B 19.1	Permanent
727	Cable harness components and their original products	Temperature shock	LV214, B 19.1	Permanent
728	Cable harness components and their original products	Temperature shock	MBN 10 384, B 19.1	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
729	Cable harness components and their original products	Temperature/current cycle endurance test	GS 95006 B 53.3	Permanent
730	Cable harness components and their original products	Thermal Aging	GMW3191, 4.4.1	Permanent
731	Cable harness components and their original products	Thermal Shock Conditioning	USCAR-21 Rev-4, 4.5.5	Permanent
732	Cable harness components and their original products	Thermal shock test	GS 95006 B 23.5	Permanent
733	Cable harness components and their original products	Thermal shock test	LV214, B 23.3	Permanent
734	Cable harness components and their original products	Thermal shock test	MBN 10 384, B 23.3	Permanent
735	Cable harness components and their original products	Thermal shock test	VW 75174, L 23.3	Permanent
736	Cable harness components and their original products	Thermal Shock	GMW3191, 4.4.2	Permanent
737	Cable harness components and their original products	Thermal shock	PF90012, 5.2.1	Permanent
738	Cable harness components and their original products	Thermal shock	USCAR-2 Rev 7, 5.6.1	Permanent
739	Cable harness components and their original products	Thermal shock	VW 75174, L 19.1	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
740	Cable harness components and their original products	Vibration (sinusoidal)	IEC 60512-6-4	Permanent
741	Cable harness components and their original products	Vibration test	GS 95006 B 52.4	Permanent
742	Cable harness components and their original products	Vibration/Mechanical Shock	USCAR-2 Rev 7, 5.4.6	Permanent
743	Cable harness components and their original products	Accelerated Temperature/Humidity Cycle Conditioning - 24-Hour Cycle	USCAR-21 Rev-4, 4.5.4	Permanent
744	Cable harness components and their original products	Aging in dry heat	GS 95006 B 23.1, GS 95006 B 20.1, GS 95006 B 20.5, GS 95006 B 19.3	Permanent
745	Cable harness components and their original products	Aging in dry heat	LV214 B 19.3, LV214 B 20.1, LV214 B 20.5, LV214 B 28.1	Permanent
746	Cable harness components and their original products	Aging in dry heat	MBN 10 384 B 19.3, MBN 10 384 B 20.1, MBN 10 384 B 20.5, MBN 10 384 B 28.1	Permanent
747	Cable harness components and their original products	Aging in dry heat, inserted	LV214, B 5.3	Permanent
748	Cable harness components and their original products	Aging in dry heat, inserted	MBN 10 384, B 5.3	Permanent
749	Cable harness components and their original products	High Temperature Exposure	PF90012, 5.2.3	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
750	Cable harness components and their original products	Humid Heat Constant (HHCO)	GMW3191, 4.4.4	Permanent
751	Cable harness components and their original products	Humid heat, constant	LV214, B 20.2	Permanent
752	Cable harness components and their original products	Humid heat, constant	MBN 10 384, B 20.2	Permanent
753	Cable harness components and their original products	Humid warmth, constant	GS 95006, B 20.2	Permanent
754	Cable harness components and their original products	Long-term aging in dry heat	GS 95006, B 21.1	Permanent
755	Cable harness components and their original products	Long-term aging in dry heat	LV214, B 21.1	Permanent
756	Cable harness components and their original products	Long-term aging in dry heat	MBN 10 384, B 21.1	Permanent
757	Cable harness components and their original products	Road vehicles — Degrees of protection (IP code) — Protection of electrical equipment against foreign objects, water and access. Ingress Protection Solid: 1X, 2X, 3X, 4X, 5X, 6X. Ingress Protection Water: IPX1, X2, X3, X4, X5, X6, X7, X8	ISO 20653, DIN 40 050	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
758	Cable harness components and their original products	Temperature Humidity	PF90012, 5.2.2	Permanent
759	Cable harness components and their original products	Aging in damp heat constant	VW 75174, L 20.2	Permanent
760	Cable harness components and their original products	Aging in dry heat	VW 75174 L 19.3, VW 75174 L 20.1, VW 75174 L 28.1	Permanent
761	Cable harness components and their original products	Connector Drop Test	USCAR-2 Rev 7, 5.4.8	Permanent
762	Cable harness components and their original products	Damp heat, cyclic	VW 75174 L 15.3, VW 75174 L 19.5	Permanent
763	Cable harness components and their original products	Drop test	VW 75174 L 6.1, VW 80332 B 6.1	Permanent
764	Cable harness components and their original products	High Temperature Exposure	USCAR-2 Rev 7, 5.6.3	Permanent
765	Cable harness components and their original products	Long-term aging in dry heat	VW 75174, L 21.1	Permanent
766	Cable harness components and their original products	Long-term temperature aging	VW 80332, PG 21	Permanent
767	Cable harness components and their original products	Mechanical shock testing (single shocks)	VW 75174, L 19.7	Permanent
768	Cable harness components and their original products	Shock durability testing	VW 75174, L 17.3	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
769	Cable harness components and their original products	Temperature/Humidity Cycling	USCAR-2 Rev 7, 5.6.2	Permanent
770	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Humidity, Section: 4.2	SAE J1455	Permanent
771	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Immersion test, Section: 4.3.3.2	SAE J1455	Permanent
772	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Salt spray (Fog) Section: 4.3.3.1	SAE J1455	Permanent
773	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Temperature cycle test, Section: 4.1.3.1	SAE J1455	Permanent
774	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Thermal shock test, Section: 4.1.3.2	SAE J1455	Permanent
775	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Thermal stress test, Section: 4.1.3.3	SAE J1455	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
776	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Altitude, Section: 4.9	SAE J1455	Permanent
777	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Section: 4.10.4.1 Swept Sine Vibration Tests, Section: 4.10.4.2 Random Vibration Testing	SAE J1455	Permanent
778	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Section: 4.11.3.1 Handling Drop Test, Section: 4.11.3.2 Transit Drop Test, Section: 4.11.3.3 Installation Harness Shock Test	SAE J1455	Permanent
779	Electrical & Electronics equipments of Automotive Including Sub-Assemblies Accessories and Components	Section: 4.11.3.4 Operational Shock, Section: 4.11.3.5 Crash Shock Test	SAE J1455	Permanent
780	Electronics/Electrical/Tele com/Automotive/Defence/ Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Burn-in test	MIL-STD-883L Method 1015.12	Permanent
781	Electronics/Electrical/Tele com/Automotive/Defence/ Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Insulation resistance	MIL-STD-883L Method 1003	Permanent



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782	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Mechanical shock	MIL-STD-883L Method 2002.5	Permanent
783	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Salt atmosphere (corrosion)	MIL-STD-883L Method 1009.8	Permanent
784	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Temperature cycling	MIL-STD-883L Method 1010.9	Permanent
785	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Thermal shock	MIL-STD-883L Method 1011.9	Permanent
786	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Vibration	MIL-STD-883L Method 2006.1	Permanent
787	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-	Vibration	MIL STD 202H: Test Method 201	Permanent



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	Assemblies Accessories and Components			
788	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Drop Test / Free Fall Test	MIL STD 202H: Test Method 203	Permanent
789	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	CORROSION (SALT)	JSS 0256-01 (Revision No.1) TEST NO. – 12	Permanent
790	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	DRIVING RAIN	JSS 0256-01 (Revision No. 1) TEST NO. – 7	Permanent
791	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Dust	JSS 0256-01 (Revision No. 1) TEST NO. - 9	Permanent
792	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	VIBRATION	JSS 0256-01 (Revision No. 1) TEST NO. - 15	Permanent
793	Electronics/Electrical/Telecom/Automotive/Defence/	IMPACT	JSS 0256-01 (Revision No.1) TEST NO. - 19	Permanent



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	Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components			
794	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	LOW TEMPERATURE	JSS 0256-01 (Revision No. 1) TEST NO. 2	Permanent
795	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	HIGH TEMPERATURE	JSS 0256-01 (Revision No. 1) TEST NO. 1	Permanent
796	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	TROPICAL EXPOSURE	JSS 0256-01 (Revision No. 1) TEST NO. - 4	Permanent
797	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	ALTITUDE	JSS 0256-01 (Revision No.1) TEST NO. - 3	Permanent
798	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Drop Test / Free Fall Test	JSS 0256-01 (Revision No.1) TEST NO. - 20, TEST NO. - 24, TEST NO. - 25	Permanent



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799	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Environmental conditions appearing in nature: salt mist	IEC 60721-2-5 Part 2:Section 5	Permanent
800	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Temperature Cycling	JSS 55400 (Revision No.1) (2005), reaffirmed in 2012	Permanent
801	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Vibration	JSS 55400 (Revision No.1) (2005), reaffirmed in 2012	Permanent
802	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Climatic	JSS 55400 (Revision No.1) (2005), reaffirmed in 2012	Permanent
803	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Corrosive Atmosphere (Salt Mist)	JSS 55400 (Revision No.1) (2005), reaffirmed in 2012	Permanent
804	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-	Damp Heat (Steady state)	JSS 55400 (Revision No.1) (2005), reaffirmed in 2012	Permanent



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	Assemblies Accessories and Components			
805	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Drop Test / Free Fall Test	JSS 55400 (Revision No.1) (2005), reaffirmed in 2012	Permanent
806	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Altitude	EN 50125-1:2014, EN 50125-2:2003/AC:2010, EN 50125-3	Permanent
807	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Change in temperature	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6	Permanent
808	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Change in temperature	GR-63-CORE Issue 3, March	Permanent
809	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Cold	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6	Permanent
810	Electronics/Electrical/Telecom/Automotive/Defence/	Cold	GR-63-CORE Issue 3, March	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components			
811	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Dry Heat	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6	Permanent
812	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Dry Heat	GR-63-CORE Issue 3, March	Permanent
813	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Humidity	EN 50125-1:2014, EN 50125-2:2003/AC:2010, EN 50125-3	Permanent
814	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Humidity	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6	Permanent
815	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Humidity	GR-63-CORE Issue 3, MARCH	Permanent



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816	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Humidity (Moisture resistance)	MIL STD 202H: Test Method 106	Permanent
817	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Humidity (Moisture resistance)	MIL-STD-883L Method 1004.7	Permanent
818	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Immersion	MIL STD 202H: Test Method 104	Permanent
819	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Impact (Shock)	JSS 55400 (Revision No.1)	Permanent
820	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Low Air Pressure	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6	Permanent
821	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-	Low Air Pressure	JSS 0256-01 (Revision No. 1) TEST NO. – 8	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Assemblies Accessories and Components			
822	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Rain drip	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6	Permanent
823	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Rain drip	GR-63-CORE Issue 3 March, MIL-STD-810H, MIL-STD-810G:2008 Method 506.6 - Procedure 3	Permanent
824	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Random vibration	MIL-STD-883L Method 2026	Permanent
825	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Sand and dust	MIL STD 202H: Test Method 110	Permanent
826	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Sealing (immersion)	JSS 55400 (Revision No.1)	Permanent



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827	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	SHOCK	JSS 0256-01 (Revision No.1) TEST NO. – 18, MIL STD 202H: Test Method 213	Permanent
828	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	SHOCK	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6, GR-63-CORE Issue 3 March	Permanent
829	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	TEMPERATURE SHOCK	JSS 0256-01 (Revision No. 1) TEST NO. – 5	Permanent
830	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Temperature Cycling / Agree life	MIL-STD-883L Method 1007.1	Permanent
831	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Thermal shock	MIL STD 202H: Test Method 107	Permanent
832	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-	TOPPLING	JSS 0256-01 (Revision No. 1) TEST NO. – 22	Permanent



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	Assemblies Accessories and Components			
833	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Vibration Random	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6, GR-63-CORE Issue 3 March	Permanent
834	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Vibration Sinusoidal	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6, GR-63-CORE Issue 3 March	Permanent
835	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Vibration Test	IEC 60721-2-9 (Part 2-9)	Permanent
836	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Vibrations and Shocks	EN 50125-1:2014, EN 50125-2:2003/AC:2010, EN 50125-3	Permanent
837	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Cyclic Corrosion Test	SAE J2334	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
838	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Discoloration From Ultraviolet (UV) or UV/Visible Radiation and Heat Exposure of Light-Colored Surfaces	ASTM D1148-13	Permanent
839	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Exposure to laboratory light sources - Part 3: Fluorescent UV Lamps	BS EN ISO 4892-3	Permanent
840	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Fluorescent UV Exposures of Plastics	ASTM-D4329-21	Permanent
841	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Fluorescent UV Condensation Exposures of Paint and Related Coatings	ASTM-D4587	Permanent
842	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Fluorescent UV Condensation Exposures of Photodegradable plastics	ASTM-D5208-14	Permanent
843	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-	Rubber Deterioration Using Artificial Weathering Apparatus	ASTM D750-12	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Assemblies Accessories and Components			
844	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Environmental conditions appearing in nature - Temperature and humidity	IEC 60721-2-1 Part 2-1	Permanent
845	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Humidity (steady state)	MIL STD 202H: Test Method 103	Permanent
846	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Rain drip	EN 50125-1:2014, EN 50125-2:2003/AC:2010, EN 50125-3	Permanent
847	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Salt atmosphere (Corrosion)	MIL STD 202H Test Method 101E	Permanent
848	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Sine Vibrations, Random Vibrations	ISO 16750-3 Sec 4.1	Permanent
849	Electronics/Electrical/Telecom/Automotive/Defence/	Thermal Cycling	BS ISO 16750-4	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components			
850	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Thermal Shock	BS EN 60068-2-14, ISO 16750-4, SAE J 1455	Permanent
851	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Immersion	IEC 60945	Permanent
852	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Rain and spray (exposed equipment)	IEC 60945	Permanent
853	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Random vibration	MIL STD 202H: Test Method 214	Permanent
854	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Low temperature IEC 60945	IEC 60945 Clause 8.4	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
855	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Cold (Ice) Test	EN 50125-1:2014, EN 50125-2:2003/AC:2010, EN 50125-3	Permanent
856	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Damp heat	IEC 60945 Clause 8.3	Permanent
857	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Drop Test / Free Fall Test	IEC 60945 Clause 8.6	Permanent
858	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Dry Heat	IEC 60945 Clause 8.2	Permanent
859	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Dust	ETSI EN 300 019-2-1:2017, ETSI EN 300 019-2-2:2017, ETSI EN 300 019-2-3:2020, ETSI EN 300 019-2-4:2018, ETSI EN 300 019-2-5, ETSI EN 300 019-2-6, GR-63-CORE Issue 3 March	Permanent
860	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-	Environmental conditions appearing in nature - Dust	IEC 60721-2-5	Permanent



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	Assemblies Accessories and Components			
861	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Fine mist test	IS 9000 : 1983 (Reaffirmed Year : 2019) Part 22	Permanent
862	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Low temperature storage test	IEC 60571: 1998+A1	Permanent
863	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Temperature and Humidity Endurance life test	MIL-STD-883L Method 1033	Permanent
864	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Temperature and humidity Life/reliability characterization tests	MIL-STD-883L Method 1016.2	Permanent
865	Electronics/Electrical/Telecom/Automotive/Defence/Military/Aerospace/Locomotive Including Sub-Assemblies Accessories and Components	Vibration, variable frequency	MIL-STD-883L Method 2007.3	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
866	Enclosures for Electrical Equipments (1000 Volts Maximum)	Section 5.5.2., Indoor dust test - Circulating Dust-Method; Section 5.5.2.1., Indoor dust test - Circulating Dust-Method	ANSI/NEMA 250	Permanent
867	Enclosures for Electrical Equipments (1000 Volts Maximum)	Section 5.3.1, Degrees of Protection against Ingress of Water-Drip, Method A; Section 5.3.2, Degrees of Protection against Ingress of Water-Spray, Method B; Section 5.4, Degrees of Protection against Ingress of Water-Rain	ANSI/NEMA 250	Permanent
868	Enclosures for Electrical Equipments (1000 Volts Maximum)	Section 5.8, Indoor Corrosion Protection - Rust Resistance Test; Section 5.9, Outdoor Corrosion Protection; Section 5.10, Corrosion Protection	ANSI/NEMA 250	Permanent
869	Enclosures for Electrical Equipments (1000 Volts Maximum)	Test condition 5.14.1 Aging Test	ANSI/NEMA 250	Permanent
870	Enclosures for Electrical Equipments (1000 Volts Maximum)	Test condition 5.2.1, Protection against Access to Hazardous Parts - Nonventilated Enclosures; Test condition 5.2.2, Protection against Access to Hazardous	ANSI/NEMA 250	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
		Parts - Ventilated Enclosures		
871	Enclosures for Electrical Equipments (1000 Volts Maximum)	Test condition 5.5.2.1.3, Atomized Water - Method A	ANSI/NEMA 250	Permanent
872	Enclosures for Electrical Equipments (1000 Volts Maximum)	Test condition 5.7, Protection against Ingress of water - Hosedown Test	ANSI/NEMA 250	Permanent
873	EV	Test T.2 : Thermal Test	UN 38.3 Rev.7	Permanent
874	EV	Test T.3 : Vibration	UN 38.3 Rev.7	Permanent
875	EV	Test T.4 : Shock	UN 38.3 Rev.7	Permanent
876	EV Accessories and Components	Annex 8A, Vibration test	AIS-156: Amendment 1	Permanent
877	EV Accessories and Components	Annex 8B Thermal shock and cycling test	AIS-156: Amendment 1	Permanent
878	EV Accessories and Components	Annex 8D Mechanical shock	AIS-156: Amendment 1	Permanent
879	EV Accessories and Components	Annexure-IX A Vibration test	AIS-038 (Rev. 2): Amendment 1	Permanent
880	EV Accessories and Components	Annexure-IX B Thermal shock and cycling test	AIS-038 (Rev. 2): Amendment 1	Permanent
881	EV Accessories and Components	Clause No 2.2.1, Vibration Test	AIS 048: 2009, Amendment 2	Permanent
882	EV Accessories and Components	Clause No 2.2.2, Shock Test	AIS 048: 2009, Amendment 2	Permanent
883	Packaged Products	Drop Test / Free Fall Test	ISTA 1A: 2014, ISTA 2A: 2011 & ISTA 3A: 2018	Permanent
884	Packaged Products	Atmospheric Conditioning	ISTA 1A: 2014, ISTA 2A: 2011 & ISTA 3A: 2018	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
885	Packaged Products	Sine Vibration, Random Vibration	ISTA 1A: 2014, ISTA 2A: 2011 & ISTA 3A: 2018	Permanent
886	Packaged Products	Vibration Fixed Displacement	ISTA 1A: 2014, ISTA 2A: 2011 & ISTA 3A: 2018	Permanent
887	Packaged Products & Shipping Containers	Concentrated Impact	ASTM D4169	Permanent
888	Packaged Products & Shipping Containers	Concentrated Impact	ASTM D6344-04	Permanent
889	Packaged Products & Shipping Containers	Drop Test	ASDM D5276-19	Permanent
890	Packaged Products & Shipping Containers	Environmental hazard and Low Pressure (High Altitude) Hazard	ASTM D4169	Permanent
891	Packaged Products & Shipping Containers	Handling-Drop, Impact, Stability	ASTM D4169	Permanent
892	Packaged Products & Shipping Containers	High altitude on packaging system	ASTM D6653M-13	Permanent
893	Packaged Products & Shipping Containers	Random vibration testing of shipping containers	ASTM D4728-17	Permanent
894	Packaged Products & Shipping Containers	Schedule A: Drop/Impact, Schedule I: Bridge Impact, Schedule J: Hazard Drop, Schedule L: Concentrated Impact, Schedule N: Rotational Edge Drop Test	ASTM D7386	Permanent
895	Packaged Products & Shipping Containers	Schedule D: Random vibration	ASTM D7386	Permanent
896	Packaged Products & Shipping Containers	Schedule K: High Altitude	ASTM D7386	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
897	Packaged Products & Shipping Containers	Test method A-Sine vibration & Test method B-Random vibration	ASTM D5112-98	Permanent
898	Packaged Products & Shipping Containers	Test method A-Sine vibration and Test method B-Random vibration	ASTM D3580-95	Permanent
899	Semiconductor Devices	Method Number: 1026, 1027 Steady-state life; Method Number: 1031, 1032 High temperature life (non-operating); Method Number: 1038, 1039, 1040 Burn-in screen; Method Number: 1048 Blocking Life	MIL-STD-750D	Permanent
900	Semiconductor Devices	Method Number: 1041 Salt atmosphere; Method Number: 1046 Salt spray	MIL-STD-750D	Permanent
901	Semiconductor Devices	Method Number: 1042 (Condition A, B, C and D) Burn-in/life test for power MOSFETs	MIL-STD-750D	Permanent
902	Semiconductor Devices	Method Number: 1051 Thermal shock (temperature cycling)	MIL-STD-750D	Permanent
903	Semiconductor Devices	Method Number: 2016 Shock	MIL-STD-750D	Permanent
Discipline: Electronics, Group: IT Equipment				
904	Audio / Video, Information and Communication Technology Equipment	Equipment Installation (Outdoor), Conditioning	Cl. 4.1.4, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL	Permanent



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Validity : 29.09.2030

Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			62368-1: 2025 / IEC 62368-1: 2023	
905	Audio / Video, Information and Communication Technology Equipment	Equipment for direct insertion in to mains socket-outlets	Cl. 4.7, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
906	Audio / Video, Information and Communication Technology Equipment	Coin/button cell batteries	Cl. 4.8, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
907	Audio / Video, Information and Communication Technology Equipment	Steady-state voltage and current limits	Cl. 5.2.2.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
908	Audio / Video, Information and Communication Technology Equipment	Single pulse limits	Cl. 5.2.2.4, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
909	Audio / Video, Information and Communication Technology Equipment	Accessibility to electrical energy sources and safeguards	Cl. 5.3.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
910	Audio / Video, Information and Communication Technology Equipment	Maximum operating temperatures for materials, components and systems	Cl. 5.4.1.4, 9.2.5, Annex E, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
911	Audio / Video, Information and Communication Technology Equipment	Thermal cycling test procedure	Cl. 5.4.1.5.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
912	Audio / Video, Information and Communication Technology Equipment	Thermoplastic parts on which conductive metallic parts are directly mounted	Cl. 5.4.1.10, CL.5.4.1.10.2, CL.5.4.1.10.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
913	Audio / Video, Information and Communication Technology Equipment	Clearances, creepage distance, solid insulation	Cl. 5.4.2, 5.4.3, 5.4.4, Annex X, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
914	Audio / Video, Information and Communication Technology Equipment	Antenna terminal insulation	Cl. 5.4.5.2 & 5.4.5.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
915	Audio / Video, Information and Communication Technology Equipment	Humidity conditioning	Cl. 5.4.8, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
916	Audio / Video, Information and Communication Technology Equipment	Electric Strength Test	Cl. 5.4.9, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
917	Audio / Video, Information and Communication Technology Equipment	Safeguards against transient voltages from external circuits	Cl. 5.4.10, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
918	Audio / Video, Information and Communication Technology Equipment	Separation between external circuits and earth	Cl. 5.4.11, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
919	Audio / Video, Information and Communication Technology Equipment	Insulating liquid	Cl. 5.4.12, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
920	Audio / Video, Information and Communication Technology Equipment	Capacitor discharge after disconnection of a connector	Cl. 5.5.2.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
921	Audio / Video, Information and Communication Technology Equipment	Insulation between the mains and external circuits consisting of a Co-axial cable	Cl. 5.5.8, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
922	Audio / Video, Information and Communication Technology Equipment	Requirements for Protective Earthing Conductor	Cl. 5.6.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
923	Audio / Video, Information and Communication Technology Equipment	Resistance of protective conductors and their terminations	Cl. 5.6.4.1, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			62368-1: 2025 / IEC 62368-1: 2023	
924	Audio / Video, Information and Communication Technology Equipment	Determination of the over-current protective device and circuit (Annex R)	Cl. 5.6.4.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
925	Audio / Video, Information and Communication Technology Equipment	Prospective touch voltage touch current and protective conductor current	Cl. 5.7, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
926	Audio / Video, Information and Communication Technology Equipment	Backfeed safeguard in battery backed up supplies	Cl. 5.8, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
927	Audio / Video, Information and Communication Technology Equipment	Power source circuit classification	Cl. 6.2.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
928	Audio / Video, Information and Communication Technology Equipment	Safeguard against Fire under normal operating conditions and abnormal operating conditions	Cl. 6.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
929	Audio / Video, Information and Communication Technology Equipment	Top opening and Top Opening properties	Cl. 6.4.8.3.3, Annex S.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
930	Audio / Video, Information and Communication Technology Equipment	Internal and External wiring	Cl. 6.5, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
931	Audio / Video, Information and Communication Technology Equipment	Safeguards against fire due to the connection of additional equipment	Cl. 6.6, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
932	Audio / Video, Information and Communication Technology Equipment	Injury caused by Hazardous substances	Cl. 7, Annexure M, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
933	Audio / Video, Information and Communication Technology Equipment	Mechanical energy source classifications	Cl. 8.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
934	Audio / Video, Information and Communication Technology Equipment	Safeguard against moving parts	Cl. 8.5, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
935	Audio / Video, Information and Communication Technology Equipment	Static stability for floor standing equipment	Cl. 8.6.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
936	Audio / Video, Information and Communication Technology Equipment	Relocation Stability	Cl. 8.6.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			62368-1: 2025 / IEC 62368-1: 2023	
937	Audio / Video, Information and Communication Technology Equipment	Glass slide test	Cl. 8.6.4, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
938	Audio / Video, Information and Communication Technology Equipment	Horizontal force test	Cl. 8.6.5, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
939	Audio / Video, Information and Communication Technology Equipment	Equipment mounted to a wall or ceiling or other structure	Cl. 8.7, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
940	Audio / Video, Information and Communication Technology Equipment	Handle strength test method	Cl. 8.8, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
941	Audio / Video, Information and Communication Technology Equipment	Wheels or casters attachment requirement	Cl. 8.9, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
942	Audio / Video, Information and Communication Technology Equipment	Carts, stands and similar carriers	Cl. 8.10, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
943	Audio / Video, Information and Communication Technology Equipment	Mounting means for rack mounted equipment	Cl. 8.11, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
944	Audio / Video, Information and Communication Technology Equipment	Telescoping or rod antennas (Annex T.11)	Cl. 8.12, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
945	Audio / Video, Information and Communication Technology Equipment	Thermal Burn Injury	Cl. 9.03, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
946	Audio / Video, Information and Communication Technology Equipment	Input test	Annex B.2.5, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
947	Audio / Video, Information and Communication Technology Equipment	Covering of ventilation openings	Annex B.3.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
948	Audio / Video, Information and Communication Technology Equipment	UV radiation	Annex C, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
949	Audio / Video, Information and Communication Technology Equipment	Test generators	Annex D, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			62368-1: 2025 / IEC 62368-1: 2023	
950	Audio / Video, Information and Communication Technology Equipment	Test generators	Annex D, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
951	Audio / Video, Information and Communication Technology Equipment	Test conditions for equipment contain audio amplifiers	Annex E, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
952	Audio / Video, Information and Communication Technology Equipment	Durability	Annex F.3.10.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
953	Audio / Video, Information and Communication Technology Equipment	Durability	Annex F.3.10.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
954	Audio / Video, Information and Communication Technology Equipment	Alternative test method	Annex G.5.4.5.3, G.5.4.6.3, G.9.3, S.3.1, S.3.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
955	Audio / Video, Information and Communication Technology Equipment	Test for FIW	Annex G.5.3.4, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
956	Audio / Video, Information and Communication Technology Equipment	IC current limiters	Annex G.9, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
957	Audio / Video, Information and Communication Technology Equipment	IC that includes a capacitor discharge function (ICX)	Annex G.16, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
958	Audio / Video, Information and Communication Technology Equipment	Criteria for telephone ringing signals	Annex H, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
959	Audio / Video, Information and Communication Technology Equipment	Insulated winding wires for use without interleaved insulation	Annex J, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
960	Audio / Video, Information and Communication Technology Equipment	Equipment containing batteries and their protection circuits	Annex M, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
961	Audio / Video, Information and Communication Technology Equipment	Safety of batteries and their cells	Annex M.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
962	Audio / Video, Information and Communication Technology Equipment	Protection circuits for batteries provided within equipment	Annex M.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			62368-1: 2025 / IEC 62368-1: 2023	
963	Audio / Video, Information and Communication Technology Equipment	Additional safeguard for equipment containing a secondary lithium battery	Annex M.4, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
964	Audio / Video, Information and Communication Technology Equipment	Risk of burn due to short-circuit during carrying	Annex M.5, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
965	Audio / Video, Information and Communication Technology Equipment	Safeguards against short Circuit	Annex M.6, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
966	Audio / Video, Information and Communication Technology Equipment	Risk of explosion from lead acid and NiCd batteries	Annex M.7, M.8, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
967	Audio / Video, Information and Communication Technology Equipment	Preventing electrolyte spillage	Annex M.9, M.10, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
968	Audio / Video, Information and Communication Technology Equipment	Measurement of creepage distances and clearances	Annex O, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
969	Audio / Video, Information and Communication Technology Equipment	Safeguards against entry of solid foreign objects	Annex P.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
970	Audio / Video, Information and Communication Technology Equipment	Metalized coatings and adhesives securing parts	Annex P.4, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
971	Audio / Video, Information and Communication Technology Equipment	Circuit Intended for interconnection with Building wiring	Annex Q, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
972	Audio / Video, Information and Communication Technology Equipment	Limited Short-circuit test	Annex R, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
973	Audio / Video, Information and Communication Technology Equipment	Tests for resistance to heat and fire	Annex S, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
974	Audio / Video, Information and Communication Technology Equipment	Steady force test	Annex T.2, T.3 & T.4, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
975	Audio / Video, Information and Communication Technology Equipment	Steady force test, 250 N	Annex T.5, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
			62368-1: 2025 / IEC 62368-1: 2023	
976	Audio / Video, Information and Communication Technology Equipment	Enclosure impact test	Annex T.6, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
977	Audio / Video, Information and Communication Technology Equipment	Drop test	Annex T.7, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
978	Audio / Video, Information and Communication Technology Equipment	Stress relief test	Annex T.8, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
979	Audio / Video, Information and Communication Technology Equipment	Glass Impact Test	Annex T.9, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
980	Audio / Video, Information and Communication Technology Equipment	Glass Fragmentation test	Annex T.10, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
981	Audio / Video, Information and Communication Technology Equipment	Mechanical strength of CRTs and protection against the effects of implosion	Annex U, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
982	Audio / Video, Information and Communication Technology Equipment	Determination of Accessible part	Annex V, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
983	Audio / Video, Information and Communication Technology Equipment	Resistance to UV radiation	Y.2 (Annex C), IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
984	Audio / Video, Information and Communication Technology Equipment	Resistance to corrosion	Y.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
985	Audio / Video, Information and Communication Technology Equipment	Water-Saturated sulphur dioxide atmosphere	Y.3.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
986	Audio / Video, Information and Communication Technology Equipment	Tensile strength and elongation tests	Y.4.3, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
987	Audio / Video, Information and Communication Technology Equipment	Compression test	Y.4.4, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
988	Audio / Video, Information and Communication Technology Equipment	Oil resistance	Y.4.5, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL	Permanent



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			62368-1: 2025 / IEC 62368-1: 2023	
989	Audio / Video, Information and Communication Technology Equipment	Protection of Equipment within an outdoor enclosure	Y.5, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
990	Audio / Video, Information and Communication Technology Equipment	Impact Test	Y.6.2, IS/IEC 62368-1: 2023 Edition 4.0 / BS EN IEC 62368-1:2024+A11:2024 / UL 62368-1: 2025 / IEC 62368-1: 2023	Permanent
991	Information Technology Equipment - Safety	Input Current	Cl. 1.6.2, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
992	Information Technology Equipment - Safety	Marking & instruction	Cl. 1.7, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
993	Information Technology Equipment - Safety	Protection from electric shock and energy hazards	Cl. 2.1, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
994	Information Technology Equipment - Safety	SELV circuits	Cl. 2.2, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
995	Information Technology Equipment - Safety	TNV Circuits	Cl. 2.3, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
996	Information Technology Equipment - Safety	Limited current circuits	Cl. 2.4, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
997	Information Technology Equipment - Safety	Limited power sources	Cl. 2.5, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
998	Information Technology Equipment - Safety	Provision for Earthing and Bonding	Cl. 2.6, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
999	Information Technology Equipment - Safety	Overcurrent and earth fault protection in primary circuits	Cl. 2.7, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1000	Information Technology Equipment - Safety	Safety interlocks	Cl. 2.8, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1001	Information Technology Equipment - Safety	Electrical Insulation	Cl. 2.9, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1002	Information Technology Equipment - Safety	Clearances Creepage distances, and distance through insulation	Cl. 2.10, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1003	Information Technology Equipment - Safety	Wiring, connections and supply, general	Cl. 3, 3.1, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1004	Information Technology Equipment - Safety	Connections to mains supply	Cl. 3.2, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1005	Information Technology Equipment - Safety	Wiring terminals for connection of external conductors	Cl. 3.3, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1006	Information Technology Equipment - Safety	Disconnection from the mains supply	Cl. 3.4, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1007	Information Technology Equipment - Safety	Interconnection of equipment	Cl. 3.5, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1008	Information Technology Equipment - Safety	Stability	Cl. 4.1, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1009	Information Technology Equipment - Safety	Mechanical strength (impact, Drop, Stress relief)	Cl. 4.2, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1010	Information Technology Equipment - Safety	Design and construction	Cl. 4.3, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1011	Information Technology Equipment - Safety	Protection against hazardous moving parts	Cl. 4.4, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1012	Information Technology Equipment - Safety	Thermal requirement	Cl. 4.5, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1013	Information Technology Equipment - Safety	Openings in enclosures	Cl. 4.6, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1014	Information Technology Equipment - Safety	Resistance to fire	Cl. 4.7, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1015	Information Technology Equipment - Safety	Touch current and protective conductor current	Cl. 5.1, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1016	Information Technology Equipment - Safety	Electric strength	Cl. 5.2, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1017	Information Technology Equipment - Safety	Abnormal Operating and	Cl. 5.3, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1018	Information Technology Equipment - Safety	Connection to telecommunication networks	Cl. 6, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent
1019	Information Technology Equipment - Safety	Connection to cable distribution systems	Cl. 7, IS 13252 (Part 1):2010+A1+A2 / IEC 60950-1:2005+A1+A2	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1020	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Voltage limits of user-accessible parts in outdoor locations	Cl. No. 6.1 of IEC 60950-22:2016	Permanent
1021	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Limited current circuits in outdoor locations	Cl. No. 6.2 of IEC 60950-22:2016	Permanent
1022	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Protection for socket-outlet in outdoor locations	Cl. No. 6.3 of IEC 60950-22:2016	Permanent
1023	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Wiring terminals for connection of external conductors	Cl. No. 7.0 of IEC 60950-22:2016	Permanent
1024	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Constructional requirement for outdoor enclosures-General	Cl. No. 8.1 of IEC 60950-22:2016	Permanent
1025	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Resistance to ultra-violet radiation	Cl. No. 8.2 of IEC 60950-22:2016	Permanent
1026	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Resistance to corrosion	Cl. No. 8.3 of IEC 60950-22:2016	Permanent
1027	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Bottom of Fire Enclosure	Cl. No. 8.4 of IEC 60950-22:2016	Permanent
1028	Information Technology Equipment - Safety - Part	Gaskets	Cl. No. 8.5 of IEC 60950-22:2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	22: Equipment to be installed outdoors			
1029	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Protection from moisture	Cl. No. 9.1 of IEC 60950-22:2016	Permanent
1030	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Protection from plants and vermin	Cl. No. 9.2 of IEC 60950-22:2016	Permanent
1031	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Protection from excessive dust	Cl. No. 9.3 of IEC 60950-22:2016	Permanent
1032	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Impact test	Cl. No. 10.2 of IEC 60950-22:2016	Permanent
1033	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Concentration of hydrogen gas	Cl. No. 11 of IEC 60950-22:2016	Permanent
1034	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Water- sulphur dioxide test	Annexure A of IEC 60950-22:2016	Permanent
1035	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Water spray test	Annexure B of IEC 60950-22:2016	Permanent
1036	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Ultraviolet light conditioning test	Annexure C of IEC 60950-22:2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1037	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Gasket Tests	Annexure D of IEC 60950-22:2016	Permanent
1038	Information Technology Equipment - Safety - Part 22: Equipment to be installed outdoors	Gasket Tests	Annexure D of IEC 60950-22:2016	Permanent
Discipline: Electrical, Group: Lamps Luminares & Accessories				
1039	Self-Ballasted LED Lamps for General Lighting Services	Marking	Clause No. 5, 5.1, 5.2, 5.3 and 5.4 of IS 16102 (Part 1):2026	Permanent
1040	Self-Ballasted LED Lamps for General Lighting Services	Interchangeability	Clause No. 6, 6.1 and 6.2 of IS 16102 (Part 1):2026	Permanent
1041	Self-Ballasted LED Lamps for General Lighting Services	Protection Against Accidental Contact with Live Parts	Clause No. 7 of IS 16102 (Part 1):2026	Permanent
1042	Self-Ballasted LED Lamps for General Lighting Services	Insulation Resistance and Electric Strength After Humidity Treatment	Clause No. 8, 8.1, 8.2 and 8.3 of IS 16102 (Part 1):2026	Permanent
1043	Self-Ballasted LED Lamps for General Lighting Services	Mechanical Strength	Clause No. 9, 9.1 and 9.3 of IS 16102 (Part 1):2026 (Except Cl. 9.2.2)	Permanent
1044	Self-Ballasted LED Lamps for General Lighting Services	Cap Temperature Rise	Clause No. 10 of IS 16102 (Part 1):2026	Permanent
1045	Self-Ballasted LED Lamps for General Lighting Services	Resistance to Heat	Clause No. 11 of IS 16102 (Part 1):2026	Permanent
1046	Self-Ballasted LED Lamps for General Lighting Services	Resistance to Flame and Ignition	Clause No. 12 of IS 16102 (Part 1):2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1047	Self-Ballasted LED Lamps for General Lighting Services	Fault Condition	Clause No. 13 of IS 16102 (Part 1):2026	Permanent
1048	Self-Ballasted LED Lamps for General Lighting Services	Creepage Distance and Clearances	Clause No. 14 of IS 16102 (Part 1):2026	Permanent
1049	Self-Ballasted LED Lamps for General Lighting Services	Abnormal Operation	Clause No. 15 of IS 16102 (Part 1):2026	Permanent
1050	Self-Ballasted LED Lamps for General Lighting Services	Test Conditions for Dimmable Lamps	Clause No. 16 of IS 16102 (Part 1):2026	Permanent
1051	Self-Ballasted LED Lamps for General Lighting Services	Photobiological Safety	Clause No. 17, 17.1, 17.2 and 17.3 of IS 16102 (Part 1):2026	Permanent
1052	Self-Ballasted LED Lamps for General Lighting Services	Ingress Protection	Clause No. 18, 18.1 and 18.2 of IS 16102 (Part 1):2026	Permanent
1053	Self-Ballasted LED Lamps for General Lighting Services	Information for Luminaire Design	Clause No. 19 of IS 16102 (Part 1):2026	Permanent
1054	Self-Ballasted LED Lamps for General Lighting Services	Schedule of Tests	Clause No. 20, 20.1, 20.2 and 20.3 of IS 16102 (Part 1):2026	Permanent
1055	Self-Ballasted LED Lamps for General Lighting Services	Tests	Clause No. 21 and 21.1 of IS 16102 (Part 1):2026	Permanent
1056	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Marking	Cl. 7, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1057	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Protection Against Accidental Contact with Live Parts	Cl. 8, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent
1058	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Terminals	Cl. 9, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent
1059	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Provision for Protective Earthing	Cl. 10, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent
1060	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Moisture Resistance and Insulation	Cl. 11, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015	Permanent
1061	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Electric Strength	Cl. 12, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent
1062	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Fault Conditions	Cl. 14, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015	Permanent
1063	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Transformer Heating	Cl. 15, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1064	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Construction	Cl. 16, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent
1065	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Creepage Distances and Clearances	Cl. 17, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015	Permanent
1066	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Screws, Current-Carrying Parts and Connections	Cl. 18, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent
1067	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Resistance to Heat, Fire and Tracking	Cl. 19, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent
1068	LED Controlgear, d.c. or a.c. Supplied, for LED Modules	Resistance to Corrosion	Cl. 20, IS 15885 (Part 2/Sec 13):2012 + A1:2015, used in conjunction with IS 15885 (Part 1):2011 + A1:2015 / IEC 61347-2-13:2014	Permanent
Discipline: Electrical, Group: Power Supplies & Stabilizers				
1069	Uninterruptible Power Systems (UPS)	Protection against hazards	4, IS 16242 (Part 1):2025	Permanent
1070	Uninterruptible Power Systems (UPS)	Fault and abnormal conditions	4.2, IS 16242 (Part 1):2025	Permanent
1071	Uninterruptible Power Systems (UPS)	Short-circuit and overload protection	4.3, IS 16242 (Part 1):2025	Permanent
1072	Uninterruptible Power Systems (UPS)	AC input current	4.3.101, IS 16242 (Part 1):2025	Permanent



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Validity : 29.09.2030

Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1073	Uninterruptible Power Systems (UPS)	Transformer protection	4.3.102, IS 16242 (Part 1):2025	Permanent
1074	Uninterruptible Power Systems (UPS)	AC input short-circuit current	4.3.103, IS 16242 (Part 1):2025	Permanent
1075	Uninterruptible Power Systems (UPS)	Protection of the energy storage device	4.3.104, IS 16242 (Part 1):2025	Permanent
1076	Uninterruptible Power Systems (UPS)	Unsynchronized load transfer	4.3.105, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1077	Uninterruptible Power Systems (UPS)	Protection against electric shock	4.4, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1078	Uninterruptible Power Systems (UPS)	Selection tables for contact area and skin humidity condition	4.4.2.2.2, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1079	Uninterruptible Power Systems (UPS)	Openings	4.4.3.3, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1080	Uninterruptible Power Systems (UPS)	Influencing factors	4.4.7.1.1, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1081	Uninterruptible Power Systems (UPS)	Pollution degree	4.4.7.1.2, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1082	Uninterruptible Power Systems (UPS)	Overvoltage category (OVC)	4.4.7.1.3, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1083	Uninterruptible Power Systems (UPS)	Components bridging insulation	4.4.7.1.7, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1084	Uninterruptible Power Systems (UPS)	Circuits connected to mains supply	4.4.7.2.2, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1085	Uninterruptible Power Systems (UPS)	PWB spacings for functional insulation	4.4.7.7, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1086	Uninterruptible Power Systems (UPS)	Capacitor discharge	4.4.9, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1087	Uninterruptible Power Systems (UPS)	Service access areas	4.5.2, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1088	Uninterruptible Power Systems (UPS)	Protection against fire and thermal hazards	4.6, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1089	Uninterruptible Power Systems (UPS)	Components within a circuit representing a fire hazard	4.6.2.2, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1090	Uninterruptible Power Systems (UPS)	General	4.6.3.1, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1091	Uninterruptible Power Systems (UPS)	Flammability of enclosure materials	4.6.3.2, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1092	Uninterruptible Power Systems (UPS)	Openings in the top and side of fire enclosures	4.6.3.3.2, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1093	Uninterruptible Power Systems (UPS)	Temperature limits	4.6.4, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1094	Uninterruptible Power Systems (UPS)	Internal parts	4.6.4.1, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1095	Uninterruptible Power Systems (UPS)	Limited power sources	4.6.5, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1096	Uninterruptible Power Systems (UPS)	Protection against mechanical hazards	4.7, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1097	Uninterruptible Power Systems (UPS)	Protection in service access area	4.7.101, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1098	Uninterruptible Power Systems (UPS)	Equipment with multiple sources of supply	4.8, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1099	Uninterruptible Power Systems (UPS)	General	4.8.101, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1100	Uninterruptible Power Systems (UPS)	Backfeed protection	4.8.102, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1101	Uninterruptible Power Systems (UPS)	Protection against environmental stresses	4.9, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1102	Uninterruptible Power Systems (UPS)	Protection against sonic pressure hazards	4.10, IS 16242 (Part 1):2025; IEC 62040-1:2017 / IEC 62477:2012	Permanent
1103	Uninterruptible Power Systems (UPS)	Wiring and connections	4.11, IS 16242 (Part 1):2025	Permanent
1104	Uninterruptible Power Systems (UPS)	Connecting capacity	4.11.8.2, IS 16242 (Part 1):2025	Permanent
1105	Uninterruptible Power Systems (UPS)	Non-detachable cords	4.11.101, IS 16242 (Part 1):2025	Permanent
1106	Uninterruptible Power Systems (UPS)	Cord	4.11.101.1, IS 16242 (Part 1):2025	Permanent
1107	Uninterruptible Power Systems (UPS)	Cord anchorages and strain relief	4.11.101.2, IS 16242 (Part 1):2025	Permanent
1108	Uninterruptible Power Systems (UPS)	UPS isolation and disconnect device	4.101, IS 16242 (Part 1):2025	Permanent



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1109	Uninterruptible Power Systems (UPS)	Emergency switching (disconnect) device	4.101.1, IS 16242 (Part 1):2025	Permanent
1110	Uninterruptible Power Systems (UPS)	Normal disconnect devices	4.101.2, IS 16242 (Part 1):2025	Permanent
1111	Uninterruptible Power Systems (UPS)	Stored energy source	4.102, IS 16242 (Part 1):2025	Permanent
1112	Uninterruptible Power Systems (UPS)	General	4.102.1, IS 16242 (Part 1):2025	Permanent
1113	Uninterruptible Power Systems (UPS)	Accessibility and maintainability	4.102.2, IS 16242 (Part 1):2025	Permanent
1114	Uninterruptible Power Systems (UPS)	Distance between battery cells	4.102.3, IS 16242 (Part 1):2025	Permanent
1115	Uninterruptible Power Systems (UPS)	Case insulation	4.102.4, IS 16242 (Part 1):2025	Permanent
1116	Uninterruptible Power Systems (UPS)	Electrolyte spillage	4.102.5, IS 16242 (Part 1):2025	Permanent
1117	Uninterruptible Power Systems (UPS)	Ventilation and hydrogen concentration	4.102.6, IS 16242 (Part 1):2025	Permanent
1118	Uninterruptible Power Systems (UPS)	Charging voltages	4.102.7, IS 16242 (Part 1):2025	Permanent
1119	Uninterruptible Power Systems (UPS)	Battery circuit protection	4.102.8, IS 16242 (Part 1):2025	Permanent
1120	Uninterruptible Power Systems (UPS)	Overcurrent and earth fault protection	4.102.8.1, IS 16242 (Part 1):2025	Permanent
1121	Uninterruptible Power Systems (UPS)	Location of protective device	4.102.8.2, IS 16242 (Part 1):2025	Permanent
1122	Uninterruptible Power Systems (UPS)	Rating of protective devices	4.102.8.3, IS 16242 (Part 1):2025	Permanent
1123	Uninterruptible Power Systems (UPS)	UPS connection to telecommunication lines	4.103, IS 16242 (Part 1):2025	Permanent
1124	Uninterruptible Power Systems (UPS)	Test requirements	5, IS 16242 (Part 1):2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1125	Uninterruptible Power Systems (UPS)	Operating parameters for tests	5.1.5.3, IS 16242 (Part 1):2025	Permanent
1126	Uninterruptible Power Systems (UPS)	Test overview	5.1.7, IS 16242 (Part 1):2025	Permanent
1127	Uninterruptible Power Systems (UPS)	UPS test overview	5.1.7.101, IS 16242 (Part 1):2025	Permanent
1128	Uninterruptible Power Systems (UPS)	Mechanical tests	5.2, IS 16242 (Part 1):2025	Permanent
1129	Uninterruptible Power Systems (UPS)	Non-accessibility test (type test)	5.2.2.2, IS 16242 (Part 1):2025	Permanent
1130	Uninterruptible Power Systems (UPS)	Drop test	5.2.2.4.4, IS 16242 (Part 1):2025	Permanent
1131	Uninterruptible Power Systems (UPS)	Wall, ceiling or rack mounted equipment test	5.2.2.6, IS 16242 (Part 1):2025	Permanent
1132	Uninterruptible Power Systems (UPS)	Wall and ceiling mounted equipment test	5.2.2.6.101, IS 16242 (Part 1):2025	Permanent
1133	Uninterruptible Power Systems (UPS)	Rack mounted equipment test	5.2.2.6.102, IS 16242 (Part 1):2025	Permanent
1134	Uninterruptible Power Systems (UPS)	Cord guard test	5.2.2.101, IS 16242 (Part 1):2025	Permanent
1135	Uninterruptible Power Systems (UPS)	Electrical tests	5.2.3, IS 16242 (Part 1):2025	Permanent
1136	Uninterruptible Power Systems (UPS)	Limited power source test (type test)	5.2.3.9, IS 16242 (Part 1):2025	Permanent
1137	Uninterruptible Power Systems (UPS)	Temperature rise test (type test)	5.2.3.10, IS 16242 (Part 1):2025	Permanent
1138	Uninterruptible Power Systems (UPS)	Backfeed protection test (type test)	5.2.3.101, IS 16242 (Part 1):2025	Permanent
1139	Uninterruptible Power Systems (UPS)	General	5.2.3.101.1, IS 16242 (Part 1):2025	Permanent
1140	Uninterruptible Power Systems (UPS)	Test for pluggable UPS	5.2.3.101.2, IS 16242 (Part 1):2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1141	Uninterruptible Power Systems (UPS)	Test for permanently connected UPS	5.2.3.101.3, IS 16242 (Part 1):2025	Permanent
1142	Uninterruptible Power Systems (UPS)	Method to simulate the load-induced change of	5.2.3.101.4, IS 16242 (Part 1):2025	Permanent
1143	Uninterruptible Power Systems (UPS)	Solid-state backfeed protection	5.2.3.101.5, IS 16242 (Part 1):2025	Permanent
1144	Uninterruptible Power Systems (UPS)	Input current test	5.2.3.102, IS 16242 (Part 1):2025	Permanent
1145	Uninterruptible Power Systems (UPS)	Short-time withstand current test (type test)	5.2.3.103, IS 16242 (Part 1):2025	Permanent
1146	Uninterruptible Power Systems (UPS)	General procedure	5.2.3.103.1, IS 16242 (Part 1):2025	Permanent
1147	Uninterruptible Power Systems (UPS)	Input port rated conditional short-circuit current	5.2.3.103.2, IS 16242 (Part 1):2025	Permanent
1148	Uninterruptible Power Systems (UPS)	Input port short-time withstand current rating	5.2.3.103.3, IS 16242 (Part 1):2025	Permanent
1149	Uninterruptible Power Systems (UPS)	Exemption from testing	5.2.3.103.4, IS 16242 (Part 1):2025	Permanent
1150	Uninterruptible Power Systems (UPS)	Transformer protection test	5.2.3.104, IS 16242 (Part 1):2025	Permanent
1151	Uninterruptible Power Systems (UPS)	Unsynchronized load transfer test	5.2.3.105, IS 16242 (Part 1):2025	Permanent
1152	Uninterruptible Power Systems (UPS)	Phase displacement	5.2.3.105.2, IS 16242 (Part 1):2025	Permanent
1153	Uninterruptible Power Systems (UPS)	Abnormal operation and simulated fault tests	5.2.4, IS 16242 (Part 1):2025	Permanent
1154	Uninterruptible Power Systems (UPS)	General	5.2.4.1, IS 16242 (Part 1):2025	Permanent
1155	Uninterruptible Power Systems (UPS)	Vibration test (type test)	5.2.6.4, IS 16242 (Part 1):2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1156	Uninterruptible Power Systems (UPS)	Salt mist test (type test)	5.2.6.5, IS 16242 (Part 1):2025	Permanent
1157	Uninterruptible Power Systems (UPS)	Dust and sand test (type test)	5.2.6.6, IS 16242 (Part 1):2025	Permanent
1158	Uninterruptible Power Systems (UPS)	Information and marking requirements	6, IS 16242 (Part 1):2025	Permanent
1159	Uninterruptible Power Systems (UPS)	General	6.1, IS 16242 (Part 1):2025	Permanent
1160	Uninterruptible Power Systems (UPS)	Durability	6.1.101, IS 16242 (Part 1):2025	Permanent
1161	Uninterruptible Power Systems (UPS)	Removable parts	6.1.102, IS 16242 (Part 1):2025	Permanent
1162	Uninterruptible Power Systems (UPS)	Information for selection	6.2, IS 16242 (Part 1):2025	Permanent
1163	Uninterruptible Power Systems (UPS)	Information for installation and commissioning	6.3, IS 16242 (Part 1):2025	Permanent
1164	Uninterruptible Power Systems (UPS)	Guidance on UPS installation	6.3.101, IS 16242 (Part 1):2025	Permanent
1165	Uninterruptible Power Systems (UPS)	Information for use	6.4, IS 16242 (Part 1):2025	Permanent
1166	Uninterruptible Power Systems (UPS)	Labels, signs and signals	6.4.3, IS 16242 (Part 1):2025	Permanent
1167	Uninterruptible Power Systems (UPS)	Distribution-related backfeed	6.4.3.101, IS 16242 (Part 1):2025	Permanent
1168	Uninterruptible Power Systems (UPS)	Protection in building installation	6.4.3.102, IS 16242 (Part 1):2025	Permanent
1169	Uninterruptible Power Systems (UPS)	General	6.4.3.102.1, IS 16242 (Part 1):2025	Permanent
1170	Uninterruptible Power Systems (UPS)	Rated conditional short-circuit current (Icc)	6.4.3.102.2, IS 16242 (Part 1):2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1171	Uninterruptible Power Systems (UPS)	Prospective short-circuit current (Icp)	6.4.3.102.3, IS 16242 (Part 1):2025	Permanent
1172	Uninterruptible Power Systems (UPS)	Requirement for building installation	6.4.3.102.4, IS 16242 (Part 1):2025	Permanent
1173	Uninterruptible Power Systems (UPS)	Batteries installed within the UPS enclosure	6.4.3.103, IS 16242 (Part 1):2025	Permanent
1174	Uninterruptible Power Systems (UPS)	Information for maintenance	6.5, IS 16242 (Part 1):2025	Permanent
1175	Uninterruptible Power Systems (UPS)	Battery information for maintenance	6.5.101, IS 16242 (Part 1):2025	Permanent
1176	Uninterruptible Power Systems (UPS)	Labelling on battery	6.5.101.1, IS 16242 (Part 1):2025	Permanent
1177	Uninterruptible Power Systems (UPS)	Information in instruction manual(s)	6.5.101.2, IS 16242 (Part 1):2025	Permanent
1178	Uninterruptible Power Systems (UPS)	General	6.5.101.2.1, IS 16242 (Part 1):2025	Permanent
1179	Uninterruptible Power Systems (UPS)	Instructions for battery replacement	6.5.101.2.2, IS 16242 (Part 1):2025	Permanent
Discipline: Electrical, Group: Safety Testing				
1180	Electric Vehicle Conductive Charging System Part 1 General Requirements	Degrees of Protection Against Access to Hazardous-Live-Parts	Cl. 8, IS 17017 (Part 1): 2018	Permanent
1181	Electric Vehicle Conductive Charging System Part 1 General Requirements	Stored Energy	Cl. 8.2, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1182	Electric Vehicle Conductive Charging System Part 1 General Requirements	Fault Protection	Cl. 8.3, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1183	Electric Vehicle Conductive Charging System Part 1 General Requirements	Protective Conductor	Cl. 8.4, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1184	Electric Vehicle Conductive Charging System Part 1 General Requirements	Safety Requirements for Signalling Circuits Between the EV Supply Equipment and the EV	Cl. 8.6, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1185	Electric Vehicle Conductive Charging System Part 1 General Requirements	Functional Description of Standard Accessories	Cl. 9.2, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1186	Electric Vehicle Conductive Charging System Part 1 General Requirements	Functional Description of the Basic Interface	Cl. 9.3, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1187	Electric Vehicle Conductive Charging System Part 1 General Requirements	Functional Description of the d.c. Interface	Cl. 9.5, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1188	Electric Vehicle Conductive Charging System Part 1 General Requirements	Functional Description of the Combined Interface	Cl. 9.6, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1189	Electric Vehicle Conductive Charging System Part 1 General Requirements	Wiring of the Neutral Conductor	Cl. 9.7, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1190	Electric Vehicle Conductive Charging System Part 1 General Requirements	Requirements for Adaptors	Cl. 10, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1191	Electric Vehicle Conductive Charging	Dielectric Withstand Characteristics	Cl. 11.3, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	System Part 1 General Requirements			
1192	Electric Vehicle Conductive Charging System Part 1 General Requirements	Construction Requirements	Cl. 11.4, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1193	Electric Vehicle Conductive Charging System Part 1 General Requirements	Strain Relief Cable Management and Storage Means for Cable Assemblies	Cl. 11.6, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1194	Electric Vehicle Conductive Charging System Part 1 General Requirements	General	Cl. 12.1, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1195	Electric Vehicle Conductive Charging System Part 1 General Requirements	Characteristics of Mechanical Switching Devices	Cl. 12.2, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1196	Electric Vehicle Conductive Charging System Part 1 General Requirements	Clearances and Creepage Distances	Cl. 12.3, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1197	Electric Vehicle Conductive Charging System Part 1 General Requirements	Ingress Protection	Cl. 12.4, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1198	Electric Vehicle Conductive Charging System Part 1 General Requirements	Insulation Resistance	Cl. 12.5, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1199	Electric Vehicle Conductive Charging System Part 1 General Requirements	Touch Current	Cl. 12.6, IS 17017 (Part 1): 2018	Permanent



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1200	Electric Vehicle Conductive Charging System Part 1 General Requirements	Dielectric Withstand Voltage	Cl. 12.7, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1201	Electric Vehicle Conductive Charging System Part 1 General Requirements	Temperature Rise	Cl. 12.8, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1202	Electric Vehicle Conductive Charging System Part 1 General Requirements	Damp Heat Functional Test	Cl. 12.9, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1203	Electric Vehicle Conductive Charging System Part 1 General Requirements	Operating Temperature Limits	Cl. 12.10, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1204	Electric Vehicle Conductive Charging System Part 1 General Requirements	Mechanical Strength	Cl. 12.11, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1205	Electric Vehicle Conductive Charging System Part 1 General Requirements	Automatic Reclosing of Protective Devices	Cl. 14, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1206	Electric Vehicle Conductive Charging System Part 1 General Requirements	Emergency Switching or Disconnect (Optional)	Cl. 15, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1207	Electric Vehicle Conductive Charging System Part 1 General Requirements	Installation Manual of EV Charging Stations	Cl. 16.1, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1208	Electric Vehicle Conductive Charging	User Manual for EV Supply Equipment	Cl. 16.2, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	System Part 1 General Requirements			
1209	Electric Vehicle Conductive Charging System Part 1 General Requirements	Marking of EV Supply Equipment	Cl. 16.3, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1210	Electric Vehicle Conductive Charging System Part 1 General Requirements	Marking of Charging Cable Assemblies Case B	Cl. 16.4, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1211	Electric Vehicle Conductive Charging System Part 1 General Requirements	Durability Test for Marking	Cl. 16.5, IS 17017 (Part 1): 2018 / IEC 61851-1	Permanent
1212	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Conditions for Application to ME Equipment or ME Systems	Cl. 4.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1213	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Risk Management Process for ME Equipment or ME Systems	Cl. 4.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1214	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Essential Performance	Cl. 4.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1215	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Expected Service Life	Cl. 4.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1216	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Alternative Risk Control Measures or Test Methods for ME Equipment or ME Systems	Cl. 4.5, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1217	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	ME Equipment or ME System Parts that Contact the Patient	Cl. 4.6, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1218	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Single Fault Condition for ME Equipment	Cl. 4.7, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1219	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Components of ME Equipment	Cl. 4.8, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1220	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Use of Components with High-Integrity Characteristics in ME Equipment	Cl. 4.9, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1221	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Power Supply	Cl. 4.10, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1222	Medical Electrical Equipment - Part 1: General Requirements for	Power Input	Cl. 4.11, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Basic Safety and Essential Performance			
1223	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Sequence of Tests	Cl. 5.8, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1224	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Type Tests	Cl. 5.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1225	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Number of Samples	Cl. 5.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1226	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Ambient Temperature, Humidity, Atmospheric Pressure	Cl. 5.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1227	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Other Conditions	Cl. 5.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1228	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Supply Voltages, Type of Current, Nature of Supply, Frequency	Cl. 5.5, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1229	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Repairs and Modifications	Cl. 5.6, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1230	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Humidity Pre-conditioning Treatment	Cl. 5.7, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1231	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Sequence of Tests	Cl. 5.8, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1232	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Determination of Applied Parts and Accessible Parts	Cl. 5.9, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1233	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	General	Cl. 6.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1234	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Classification of ME Equipment and ME System	Cl. 6.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1235	Medical Electrical Equipment - Part 1: General Requirements for	Protection Against Harmful Ingress of Water or Particulate Matter	Cl. 6.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Basic Safety and Essential Performance			
1236	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Method(s) of Sterilization	Cl. 6.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1237	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Suitability for Use in an Oxygen Rich Environment	Cl. 6.5, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1238	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Mode of Operation	Cl. 6.6, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1239	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	ME Equipment Identification, Marking and Documents	Cl. 7, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1240	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Legibility of Markings	Cl. 7.1.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1241	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Durability of Markings	Cl. 7.1.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1242	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Marking on the Outside of ME Equipment or ME Equipment Parts	Cl. 7.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1243	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Marking on the Inside of ME Equipment or ME Equipment Parts	Cl. 7.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1244	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Marking of Controls and Instruments	Cl. 7.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1245	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Safety Signs	Cl. 7.5, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1246	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Symbols	Cl. 7.6, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1247	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Colours of the Insulation of Conductors	Cl. 7.7, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1248	Medical Electrical Equipment - Part 1: General Requirements for	Indicator Lights and Controls	Cl. 7.8, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Basic Safety and Essential Performance			
1249	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Accompanying Documents	Cl. 7.9, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1250	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Fundamental Rule of Protection Against Electric Shock	Cl. 8.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1251	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Requirements Related to Power Sources	Cl. 8.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1252	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Classification of Applied Parts	Cl. 8.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1253	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Limitation of Voltage, Current or Energy	Cl. 8.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1254	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Internal Capacitive Circuits	Cl. 8.4.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1255	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Protective Earthing, Functional Earthing and Potential Equalization of ME Equipment	Cl. 8.6, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1256	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Leakage Currents and Patient Auxiliary Currents	Cl. 8.7, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1257	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Dielectric Strength	Cl. 8.8.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1258	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Insulation Other than Wire Insulation	Cl. 8.8.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1259	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Mechanical Strength and Resistance to Heat	Cl. 8.8.4.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1260	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Resistance to Environmental Stress	Cl. 8.8.4.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1261	Medical Electrical Equipment - Part 1: General Requirements for	Creepage Distances and Air Clearances	Cl. 8.9, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Basic Safety and Essential Performance			
1262	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Material Groups Classification	Cl. 8.9.1.7, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1263	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Peak Working Voltages Above 1 400 V Peak or d.c.	Cl. 8.9.1.13, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1264	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Minimum Creepage Distances for Two Means of Operator Protection	Cl. 8.9.1.14, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1265	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Creepage Distances and Air Clearances for Defibrillation-Proof Applied Parts	Cl. 8.9.1.15, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1266	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Conductive Surface Coatings	Cl. 8.9.1.15, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1267	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Application	Cl. 8.9.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1268	Medical Electrical Equipment - Part 1:	Spaces Filled by Insulating Compound	Cl. 8.9.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC	Permanent



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	General Requirements for Basic Safety and Essential Performance		60601-1:2005 + A1:2012+A2:2020	
1269	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Measurement of Creepage Distances and Air Clearances	Cl. 8.9.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1270	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Components and Wiring	Cl. 8.10, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1271	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Mains Parts, Components and Layout	Cl. 8.11, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1272	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Protection Against Mechanical Hazards of ME Equipment and ME Systems	Cl. 9, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1273	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Mechanical Hazards Associated with Moving Parts	Cl. 9.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1274	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Mechanical Hazard Associated with Surfaces, Corners and Edges	Cl. 9.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1275	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Instability Hazards	Cl. 9.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1276	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Expelled Parts Hazard	Cl. 9.5, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1277	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Acoustic Energy (Including Infra- and Ultrasound) and Vibration	Cl. 9.6, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1278	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Pressure Vessels and Parts Subject to Pneumatic and Hydraulic Pressure	Cl. 9.7, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1279	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Mechanical Hazards Associated with Support Systems	Cl. 9.8, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1280	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Protection Against Unwanted and Excessive Radiation Hazards	Cl. 10, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1281	Medical Electrical Equipment - Part 1: General Requirements for	Excessive Temperatures in ME Equipment	Cl. 11.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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	Basic Safety and Essential Performance			
1282	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Fire Prevention	Cl. 11.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1283	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Construction Requirements for Fire Enclosure of ME Equipment	Cl. 11.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1284	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	ME Equipment and ME Systems Intended for Use with Flammable Anaesthetics	Cl. 11.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1285	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	ME Equipment and ME Systems Intended for Use in Conjunction with Flammable Agents	Cl. 11.5, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1286	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Overflow, Spillage, Leakage, Ingress of Water or Particulate Matter, Cleaning, Disinfection, Sterilization and Compatibility with Substances Used with the ME Equipment	Cl. 11.6, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1287	Medical Electrical Equipment - Part 1: General Requirements for	Accuracy of Controls and Instruments and Protection Against Hazardous Outputs	Cl. 12, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Basic Safety and Essential Performance			
1288	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Specific Hazardous Situations	Cl. 13.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1289	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Single Fault Conditions	Cl. 13.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1290	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Programmable Electrical Medical Systems (PEMS)	Cl. 14, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1291	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Arrangements of Controls and Indicators of ME Equipment	Cl. 15.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1292	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Serviceability	Cl. 15.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1293	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Mechanical Strength	Cl. 15.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1294	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	ME Equipment Components and General Assembly	Cl. 15.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1295	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Mains Supply Transformers of ME Equipment and Transformers Providing Separation in Accordance with 8.5	Cl. 15.5, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1296	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	General Requirements for the ME Systems	Cl. 16.1, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1297	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Accompanying Documents of an ME System	Cl. 16.2, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1298	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Power Supply	Cl. 16.3, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1299	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Enclosures	Cl. 16.4, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1300	Medical Electrical Equipment - Part 1: General Requirements for	Separation Devices	Cl. 16.5, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Basic Safety and Essential Performance		60601-1:2005 + A1:2012+A2:2020	
1301	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Leakage Currents	Cl. 16.6, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1302	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Protection Against Mechanical Hazards	Cl. 16.7, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1303	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Interruption of the Power Supply to Parts of an ME System	Cl. 16.8, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1304	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	ME System Connections and Wiring	Cl. 16.9, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1305	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance	Electromagnetic Compatibility of ME Equipment and ME Systems	Cl. 17, IS 13450: Part 1: 2024 + Amd 1:2008 / IEC 60601-1:2005 + A1:2012+A2:2020	Permanent
1306	Solid State Inverters Run From Storage Batteries	Visual Inspection	Cl. 7.5, IS 13314:1992	Permanent
1307	Solid State Inverters Run From Storage Batteries	High Voltage Test	Cl. 7.6, IS 13314:1992 / BEE SCHEDULE 17	Permanent
1308	Solid State Inverters Run From Storage Batteries	Insulation Resistance Test	Cl. 7.7, IS 13314:1992 / BEE SCHEDULE 17	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1309	Solid State Inverters Run From Storage Batteries	No-Load Test	Cl. 7.8, IS 13314:1992 / BEE SCHEDULE 17	Permanent
1310	Solid State Inverters Run From Storage Batteries	Output Test, Voltage Regulation	Cl. 7.9, 7.9.1, IS 13314:1992 / BEE SCHEDULE 17	Permanent
1311	Solid State Inverters Run From Storage Batteries	Frequency	Cl. 7.10, IS 13314:1992 / BEE SCHEDULE 17	Permanent
1312	Solid State Inverters Run From Storage Batteries	Efficiency	Cl. 7.11, IS 13314:1992 / BEE SCHEDULE 17	Permanent
1313	Solid State Inverters Run From Storage Batteries	Efficiency	Cl. 7.11, IS 13314:1992 / BEE SCHEDULE 17	Permanent
1314	Solid State Inverters Run From Storage Batteries	Climatic Test	Cl. 7.5, IS 13314:1992	Permanent
1315	Solid State Inverters Run From Storage Batteries	Climatic Test	Cl. 7.5, IS 13314:1992	Permanent
1316	Solid State Inverters Run From Storage Batteries	Harmonic Contents Test	Cl. 7.5, IS 13314:1992 / BEE SCHEDULE 17	Permanent
1317	Solid State Inverters Run From Storage Batteries	Packing	Cl. 8.0, IS 13314:1992	Permanent
1318	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Components	Cl. 6.2, IEC 60215:2016	Permanent
1319	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Construction	Cl. 6.3, IEC 60215:2016	Permanent
1320	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Marking Relevant to Safety	Cl. 6.4, IEC 60215:2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1321	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Protection Against Harmful Electric Shock and Radio-Frequency Skin Burns - General	Cl. 7.1, IEC 60215:2016	Permanent
1322	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Earthing	Cl. 7.2, IEC 60215:2016	Permanent
1323	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Enclosures	Cl. 7.3, IEC 60215:2016	Permanent
1324	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Mechanical Considerations Concerning Safety Devices	Cl. 7.4, IEC 60215:2016	Permanent
1325	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Wiring and Terminations	Cl. 7.5, IEC 60215:2016	Permanent
1326	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Insulation	Cl. 7.6, IEC 60215:2016	Permanent
1327	Safety Requirements for Radio Transmitting Equipment – General	Voltages at the Radio-Frequency	Cl. 7.7, IEC 60215:2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	Requirements and Terminology			
1328	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	High Temperature, Fire and Miscellaneous Hazards - Introductory Remark	Cl. 8.1, IEC 60215:2016	Permanent
1329	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	High Temperatures	Cl. 8.2, IEC 60215:2016	Permanent
1330	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Fire	Cl. 8.3, IEC 60215:2016	Permanent
1331	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Implosion and Explosion	Cl. 8.4, IEC 60215:2016	Permanent
1332	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Harmful Radiation	Cl. 8.5, IEC 60215:2016	Permanent
1333	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Dangerous Material	Cl. 8.6, IEC 60215:2016	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1334	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Dangerous Short-Circuiting of Low Voltage Supply	Cl. 8.7, IEC 60215:2016	Permanent
1335	Safety Requirements for Radio Transmitting Equipment – General Requirements and Terminology	Clearance and Creepage Distances	Annex A, IEC 60215:2016	Permanent
1336	Indian Language Support for Mobile Phone Handsets - Specific Requirements	Inputting of Text	Cl. 5.1, IS 16333 (Part 3): 2022	Permanent
1337	Indian Language Support for Mobile Phone Handsets - Specific Requirements	Message Readability	Cl. 5.2, IS 16333 (Part 3): 2022	Permanent
1338	Indian Language Support for Mobile Phone Handsets - Specific Requirements	Marking	Cl. 6.1, IS 16333 (Part 3): 2022	Permanent
1339	Indian Language Support for Mobile Phone Handsets - Specific Requirements	BIS Certification Marking	Cl. 6.2, IS 16333 (Part 3): 2022	Permanent
1340	Mobile Handset	Mobile Emergency Support - Call on 112	DoT 16-04/2015-AS-III/NP/67/120 dated 04th May 2016 3GPP2 .S0023 for CDMA2000 3GPP TS 22.101 & TS 24.008 for GSM/UMTS/LTE: 2015	Permanent
1341	Mobile Handset - Feature Phone	Mobile Emergency Support - Panic Button	G.S.R No. 436(E) dated 22-04-2016 3GPP TS 22.101 for	Permanent



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			GSM/UMTS/LTE 3GPP2 C.S0023 for CDMA: 2016	
1342	Mobile Handset - Smart Phone	Mobile Emergency Support - GPS Location	G.S.R No. 1441(E) dated 23-11-2017	Permanent
1343	Mobile Handset and Tablet	Mobile Device - Non Zero IMEI/MEID/ESN	G.S.R No. 436(E) dated 22-04-2016: 2016	Permanent
1344	Mobile Handset - Smart Phone	Mobile Emergency Support - Panic Button	G.S.R No. 436(E) dated 22-04-2016: 2016	Permanent
1345	AC Power Feeding Equipment (AC UPS, DC/AC Inverter)	Energy Efficiency	ITU-T L.1320 (03-2014) TEC 74046: 2022	Permanent
1346	Converged Packet Optical Equipment with Packet Signal and TDM Signal	Weighted ECR (Energy Consumption Rating)	ITU-T L.1310 (09/2020) TEC 74046: 2022	Permanent
1347	Converged Packet Optical Equipment with Packet Signal, TDM Signal and WDM Signal Functions	Weighted ECR (Energy Consumption Rating)	ITU-T L.1310 (09/2020) TEC 74046: 2022	Permanent
1348	DSLAM, MSAN (Multi-Service Application Node) Equipment	Weighted ECR (Energy Consumption Rating)	ETSI EN 303 215 V1.3.1 (2015-04) ITU-T L.1310 (09/2020) TEC 74046: 2022	Permanent
1349	Ethernet Switches	Weighted ECR (Energy Consumption Rating)	ITU-T L.1310 (09/2020) TEC 74046: 2022	Permanent
1350	GEPON Equipment	Weighted ECR (Energy Consumption Rating)	ETSI EN 303 215 V1.3.1 (2015-04) ITU-T L.1310 (09/2020) TEC 74046: 2022	Permanent
1351	Network Functions Virtualization Infrastructure (NFVI)	Weighted ECR (Energy Consumption Rating)	ITU-T L.1361 (11-2018) ETSI ES 203 539 V1.1.1 (2019-06) TEC 74046: 2022	Permanent
1352	Operational Telecommunication Mobile Networks	Weighted ECR (Energy Consumption Rating)	ITU-T L.1330 (03-2015) TEC 74046: 2022	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1353	Routers	Weighted ECR (Energy Consumption Rating)	ITU-T L.1310 (09/2020) TEC 74046: 2022	Permanent
1354	Servers	Weighted ECR (Energy Consumption Rating)	ETSI EN 303 470 V1.1.1 (2019-03) ISO/IEC 21836:2020 TEC 74046: 2022	Permanent
1355	Small Network Devices	Weighted ECR (Energy Consumption Rating)	ITU-T L.1310 (09/2020) TEC 74046: 2022	Permanent
1356	Virtualized Network Function (VNF)	Weighted ECR (Energy Consumption Rating)	ITU-T L.1361 (11-2018) ETSI ES 203 539 V1.1.1 (2019-06) TEC 74046: 2022	Permanent
1357	WDM/TDM/OTN Transport MUXES/Switches	Weighted ECR (Energy Consumption Rating)	ITU-T L.1310 (09/2020) TEC 74046: 2022	Permanent
1358	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Mains Supply	Cl. 4.3.2.5, 5.1.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1359	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Testing in Single Fault Condition	Cl. 4.4.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1360	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Short Circuit / Overload	Cl. 4.4.2.7.2 & 4.4.2.7.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1361	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Temperature Measurements	Cl. 10.1, 10.2, 4.4.2.6, 14.2.1, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1362	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Spread of Fire	Cl. 4.4.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1363	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Durability of Markings	Cl. 5.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1364	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Residual Energy	Cl. 6.1.1, 6.3, 6.10.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1365	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Determination of Accessible Parts	Cl. 6.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1366	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Limit Values for Accessible Parts in Normal Condition / Fault Condition	Cl. 6.3.1, 6.3.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1367	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Bonding Impedance / Earth Continuity Test	Cl. 6.5.2.3, 6.5.2.4, 6.5.2.5, 6.5.2.6, 6.5.4, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1368	Safety Requirements for Electrical Equipment for Measurement, Control,	Terminals for External Circuits (Capacitive Discharge Test)	Cl. 6.6.2, 6.10.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	and Laboratory Use - Part 1: General Requirements			
1369	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Terminals for External Circuits (Capacitive Discharge Test)	Cl. 6.6.2, 6.10.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1370	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Clearance & Creepage Distances	Cl. 6.7.1.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1371	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Solid Insulation	Cl. 6.7.2.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1372	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Procedure for Voltage Tests	Cl. 6.8, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1373	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Connection to the Main Supply Source and Connections Between Parts of Equipment	Cl. 6.10, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1374	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Limitation of Force and Pressure	Cl. 7.3.4, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1375	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Gap Limitations Between Moving Parts	Cl. 7.3.5, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1376	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Stability	Cl. 7.4, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1377	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Handles and Grips	Cl. 7.5.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1378	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Wall Mounting	Cl. 7.6, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1379	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Static Test	Cl. 8.2.1, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1380	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Impact Test	Cl. 8.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1381	Safety Requirements for Electrical Equipment for Measurement, Control,	Drop Test	Cl. 8.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	and Laboratory Use - Part 1: General Requirements			
1382	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Containment of Fire Within the Equipment (Flammability Tests)	Cl. 9.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1383	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Limited-Energy Circuits	Cl. 9.4, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1384	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Temperature Test	Cl. 10.4.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1385	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Resistance to Heat	Cl. 10.5, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1386	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Spillage	Cl. 11.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1387	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Overflow	Cl. 11.4, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent



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Validity : 29.09.2030

Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1388	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Equipment Rated with a Degree of Ingress Protection	Cl. 11.6, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1389	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Ionizing Radiation	Cl. 12.2.1, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1390	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Optical Radiation	Cl. 12.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1391	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Microwave Radiation	Cl. 12.4, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1392	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Sound Level	Cl. 12.5.1, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1393	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Ultrasonic Pressure	Cl. 12.5.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1394	Safety Requirements for Electrical Equipment for Measurement, Control,	Laser Sources	Cl. 12.6, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent



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	and Laboratory Use - Part 1: General Requirements			
1395	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Protection Against Liberated Gases and Substances, Explosion and Implosion	Cl. 13.1, 13.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1396	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Motors	Cl. 14.2, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1397	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Over Temperature Protection Devices	Cl. 14.3, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1398	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Fuse Holders	Cl. 14.4, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1399	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Mains Voltage Selection Devices	Cl. 14.5, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1400	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Mains Transformer Tested Outside the Equipment	Cl. 14.6, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent



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1401	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Printed Wiring Boards	Cl. 14.7, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1402	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Circuit Used to Limit Transient Over voltages	Cl. 14.8, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1403	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Protection of Interlocks	Cl. 15.0, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1404	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Hazards Resulting from Application	Cl. 16.0, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1405	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Measurement Circuits for Touch Current	Annex A, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1406	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements	Standard Test Fingers	Annex B, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent
1407	Safety Requirements for Electrical Equipment for Measurement, Control,	Qualification of Conformal Coatings for Protection Against Pollution	Annex H, IEC 61010-1 Ed 2.0 (2001) & Ed 3.0 (2010+A1:2016)	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	and Laboratory Use - Part 1: General Requirements			
Discipline: Electronics, Group: Miscellaneous				
1408	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Adjacent Channel Leakage Power Ratio (ACLR)	Clause 6.6.2, 3GPP TS 36.141 : 2025	Permanent
1409	5.8 GHz fixed broadband data transmitting systems	Transmitter Power Control (TPC)	ETSI EN 302 502 V2.1.1 Clause no. 4.2.4 : 2017	Permanent
1410	5.8 GHz fixed broadband data transmitting systems	Designation of center frequencies and frequency error	ETSI EN 302 502 V2.1.1 Clause no. 4.2.1 : 2017	Permanent
1411	5.8 GHz fixed broadband data transmitting systems	Dynamic Frequency Selection (DFS)	ETSI EN 302 502 V2.1.1 Clause no. 4.2.6, 5.4.6 : 2017	Permanent
1412	5.8 GHz fixed broadband data transmitting systems	Frequency error	ETSI EN 302 502 V2.1.1 Clause no. 5.4.2 : 2017	Permanent
1413	5.8 GHz fixed broadband data transmitting systems	Receiver Blocking	ETSI EN 302 502 V2.1.1 Clause no. 4.2.7, 5.4.7 : 2017	Permanent
1414	5.8 GHz fixed broadband data transmitting systems	Receiver Spurious Emission	ETSI EN 302 502 V2.1.1 Clause no. 4.2.5, 5.4.5 : 2017	Permanent
1415	5.8 GHz fixed broadband data transmitting systems	Transmitter RF o/p Power & EIRP spectral density	ETSI EN 302 502 V2.1.1 Clause no. 4.2.2, 5.4.3 : 2017	Permanent
1416	5.8 GHz fixed broadband data transmitting systems	Transmitter unwanted emissions	ETSI EN 302 502 V2.1.1 Clause no. 4.2.3, 5.4.4 : 2017	Permanent
1417	5.8 GHz fixed broadband data transmitting systems	Transmitter unwanted emissions outside the 5725 MHz to 5875 MHz band	ETSI EN 302 502 V2.1.1 Clause 4.2.3.1, 5.4.4.1 : 2017	Permanent
1418	5.8 GHz fixed broadband data transmitting systems	Transmitter unwanted emissions within the 5725 MHz to 5875 MHz band	ETSI EN 302 502 V2.1.1 Clause 4.2.3.2, 5.4.4.2 : 2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1419	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Adjacent channel selectivity	CL.7.5 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1420	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Blocking characteristics	CL.7.6 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1421	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Diversity characteristics	CL.7.2 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1422	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Intermodulation characteristics	CL.7.8 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1423	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Maximum input level	CL.7.4 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1424	5G; NR; User Equipment (UE) conformance specification; Radio transmission and	Output power dynamics	CL.6.3 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	reception; Part 1: Range 1 standalone			
1425	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Output RF spectrum emissions	CL.6.5 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1426	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Occupied Bandwidth	CL.6.5.1 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1427	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Out of band emission	CL.6.5.2 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1428	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Spurious emissions	CL.6.5.3 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1429	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Transmit intermodulation	CL.6.5.4 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1430	5G; NR; User Equipment (UE) conformance	Reference Sensitivity	CL.7.3 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	specification; Radio transmission and reception; Part 1: Range 1 standalone			
1431	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Spurious emissions	CL.7.9 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1432	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Spurious response	CL.7.7 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1433	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Transmit signal quality	CL.6.4 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1434	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone	Transmitter power	CL.6.2 ETSI TS 138 521-1, 3GPP TS 38.521-1 : 2026	Permanent
1435	5GHz RLAN/WLAN/PTP/PMP	RF output power, Transmit Power Control (TPC) and Power Density	ETSI EN 301 893 V2.1.1 Clause No. 4.2.3, 5.4.4 : 2017	Permanent
1436	5GHz RLAN/WLAN/PTP/PMP	Adaptivity (Channel Access Mechanism)	ETSI EN 301 893 V2.1.1 Clause No. 4.2.7, 5.4.9 : 2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1437	5GHz RLAN/WLAN/PTP/PMP	Nominal Centre frequencies, Carrier frequencies	ETSI EN 301 893 V2.1.1 Clause No. 4.2.1, 5.4.2 : 2017	Permanent
1438	5GHz RLAN/WLAN/PTP/PMP	Dynamic Frequency Selection (DFS)	ETSI EN 301 893 V2.1.1 Clause No. 4.2.6, 5.4.8 : 2017	Permanent
1439	5GHz RLAN/WLAN/PTP/PMP	Geo-Location Capability	ETSI EN 301 893 V2.1.1 Clause No. 4.2.10 : 2017	Permanent
1440	5GHz RLAN/WLAN/PTP/PMP	Nominal Channel Bandwidth and Occupied Channel Bandwidth	ETSI EN 301 893 V2.1.1 Clause No. 4.2.2, 5.4.3 : 2017	Permanent
1441	5GHz RLAN/WLAN/PTP/PMP	Receiver Blocking	ETSI EN 301 893 V2.1.1 Clause No. 4.2.8, 5.4.10 : 2017	Permanent
1442	5GHz RLAN/WLAN/PTP/PMP	Receiver Spurious Emissions	ETSI EN 301 893 V2.1.1 Clause No. 4.2.5, 5.4.7 : 2017	Permanent
1443	5GHz RLAN/WLAN/PTP/PMP	Transmitter Unwanted emissions outside the 5 GHz RLAN bands	ETSI EN 301 893 V2.1.1 Clause No. 4.2.4.1, 5.4.5 : 2017	Permanent
1444	5GHz RLAN/WLAN/PTP/PMP	Transmitter Unwanted emissions within the 5 GHz RLAN bands	ETSI EN 301 893 V2.1.1 Clause No. 4.2.4.2, 5.4.6 : 2017	Permanent
1445	Broadband low-power data communication Equipment	2.4GHz band broadband low-power data communication system	MIC Article 2-1 Item(19) : 2019	Permanent
1446	Cellular Telephone Systems	Canada RSS-132 - Operating in the Bands 824-849 MHz and 869-894 MHz specific test	RSS-132 : 2023	Permanent
1447	Data transmission equipment operating in the 2.4 GHz ISM band	Accumulated Transmit Time, Frequency occupation and hopping sequence	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.4 & 5.4.4 : 2019	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1448	Data transmission equipment operating in the 2.4 GHz ISM band	Adaptivity	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.7, 4.3.2.6 & 5.4.6 : 2019	Permanent
1449	Data transmission equipment operating in the 2.4 GHz ISM band	Duty Cycle, Tx sequence, Tx-gap	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.3, 4.3.2.4, 5.4.2 : 2019	Permanent
1450	Data transmission equipment operating in the 2.4 GHz ISM band	Geo location Capability	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.13, 4.3.2.12 : 2019	Permanent
1451	Data transmission equipment operating in the 2.4 GHz ISM band	Hopping Frequency Separation	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.5 & 5.4.5 : 2019	Permanent
1452	Data transmission equipment operating in the 2.4 GHz ISM band	Medium utilization	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.6, 4.3.2.5 & 5.4.2 : 2019	Permanent
1453	Data transmission equipment operating in the 2.4 GHz ISM band	Occupied Channel bandwidth	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.8, 4.3.2.7 & 5.4.7 : 2019	Permanent
1454	Data transmission equipment operating in the 2.4 GHz ISM band	Power spectral Density	ETSI EN 300 328 V2.2.2 Clause No. 4.3.2.3 & 5.4.3 : 2019	Permanent
1455	Data transmission equipment operating in the 2.4 GHz ISM band	Receiver blocking	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.12, 4.3.2.11 & 5.4.11 : 2019	Permanent
1456	Data transmission equipment operating in the 2.4 GHz ISM band	Receiver spurious Emissions	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.11, 4.3.2.10 & 5.4.10 : 2019	Permanent
1457	Data transmission equipment operating in the 2.4 GHz ISM band	RF Output Power	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.2, 4.3.2.2, 5.4.2 : 2019	Permanent
1458	Data transmission equipment operating in the 2.4 GHz ISM band	Transmitter unwanted Emission in OOB Domain	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.9, 4.3.2.8 & 5.4.8 : 2019	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1459	Data transmission equipment operating in the 2.4 GHz ISM band	Transmitter unwanted emissions in the spurious domain	ETSI EN 300 328 V2.2.2 Clause No. 4.3.1.10, 4.3.2.9 & 5.4.9 : 2019	Permanent
1460	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)	Adjacent Channel Leakage power Ratio (ACLR)	Clause 6.6.4, 3GPP TS 37.141 : 2026	Permanent
1461	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)	Base Station output power	Clause 6.2, 3GPP TS 37.141 : 2026	Permanent
1462	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)	In-band selectivity and blocking	Clause 7.4, 3GPP TS 37.141 : 2026	Permanent
1463	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)	Operating band unwanted emissions	Clause 6.6.2, 3GPP TS 37.141 : 2026	Permanent
1464	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and	Out-of-band blocking	Clause 7.5, 3GPP TS 37.141 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)			
1465	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)	Receiver inter-modulation	Clause 7.7, 3GPP TS 37.141 : 2026	Permanent
1466	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)	Receiver spurious emissions	Clause 7.6, 3GPP TS 37.141 : 2026	Permanent
1467	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)	Reference sensitivity level	Clause 7.2, 3GPP TS 37.141 : 2026	Permanent
1468	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)	Transmitter intermodulation	Clause 6.7, 3GPP TS 37.141 : 2026	Permanent
1469	Digital cellular telecommunication system (Phase 2+); UMTS; LTE; E-UTRA, UTRA and	Transmitter spurious emissions	Clause 6.6.2, 3GPP TS 37.141 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS)			
1470	GSM, WCDMA & 4G LTE	Transmitter Radiated Power (ERP/EIRP)	FCC Part 2 (Cl. 2.1046), FCC Part 22 Subpart H (Cl. 22.913(a)(2)), FCC Part 24 Subpart E (Cl. 24.232(c)), FCC Part 27 Subpart M (Cl. 27.50(d)(4)), RSS-132 (Cl. 5.4), RSS-133 (Cl. 4.1/6.4), RSS-139 (Cl. 6.5) : 2024	Permanent
1471	Intentional Radiators Unlicensed National Information Infrastructure Devices	Conducted Emissions & Field Strength of Fundamental Emissions	FCC Part 15 Subpart C (Cl. 15.225(a)(b)(c)(d)/15.209), RSS 210 (Cl. B6.0), RSS Gen (Cl. 8.9/8.10), ANSI C63.10 : 2020	Permanent
1472	Intentional Radiators Unlicensed National Information Infrastructure Devices	Spurious Conducted Emissions and Restricted Bands of Operation	FCC Part 15 Subpart C (Cl. 15.209/15.205), FCC Part 15 Subpart E (Cl. 15.407(b)(6)&(7)), RSS Gen (Cl. 8.9/8.10), ANSI C63.10 : 2020	Permanent
1473	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Adjacent and alternate channel power	cl. 7.4 ETSI EN 300 113 : 2020	Permanent
1474	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Arrangements for test signals applied to the receiver input	cl. 6.1 ETSI EN 300 113 : 2020	Permanent
1475	Land Mobile Service; Radio equipment for	Artificial antenna	cl. 6.7 ETSI EN 300 113 : 2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	data/speech using constant/non-constant envelope modulation			
1476	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Encoder for receiver measurements	cl. 6.4 ETSI EN 300 113 : 2020	Permanent
1477	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Facilities for access	cl. 6.9 ETSI EN 300 113 : 2020	Permanent
1478	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Frequency error	cl. 7.1 ETSI EN 300 113 : 2020	Permanent
1479	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Impedance	cl. 6.6 ETSI EN 300 113 : 2020	Permanent
1480	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Intermodulation attenuation	cl. 7.6 ETSI EN 300 113 : 2020	Permanent
1481	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Maximum Effective radiated power	cl. 7.3 ETSI EN 300 113 : 2020	Permanent



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Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1482	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Modes of operation of the transmitter for constant envelope equipment	cl. 6.11 ETSI EN 300 113 : 2020	Permanent
1483	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Normal test signals (wanted and unwanted signals)	cl. 6.3 ETSI EN 300 113 : 2020	Permanent
1484	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Receiver mute or squelch facility	cl. 6.2 ETSI EN 300 113 : 2020	Permanent
1485	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Technical characteristics of the transmitter	cl. 7 ETSI EN 300 113 : 2020	Permanent
1486	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Test site and general arrangements for measurements involving radiated field	cl. 6.10 ETSI EN 300 113 : 2020	Permanent
1487	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Tests of equipment with a duplex filter	cl. 6.8 ETSI EN 300 113 : 2020	Permanent
1488	Land Mobile Service; Radio equipment for data/speech using	Transceiver data interface	cl. 6.5 ETSI EN 300 113 : 2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	constant/non-constant envelope modulation			
1489	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Transient behaviour of the transmitter	cl. 7.9 ETSI EN 300 113 : 2020	Permanent
1490	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Transmitter attack time	cl. 7.7 ETSI EN 300 113 : 2020	Permanent
1491	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Transmitter power (conducted)	cl. 7.2 ETSI EN 300 113 : 2020	Permanent
1492	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Transmitter release time	cl. 7.8 ETSI EN 300 113 : 2020	Permanent
1493	Land Mobile Service; Radio equipment for data/speech using constant/non-constant envelope modulation	Unwanted emissions in the spurious domain	cl. 7.5 ETSI EN 300 113 : 2020	Permanent
1494	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Adjacent channel power	Clause 6.5, 3GPP TS 51.021 : 2025	Permanent
1495	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	AM suppression	Clause 7.8, 3GPP TS 51.021 : 2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1496	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Blocking Characteristics	Clause 7.6, 3GPP TS 51.021 : 2025	Permanent
1497	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Intermodulation characteristics	Clause 7.7, 3GPP TS 51.021 : 2025	Permanent
1498	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Reference interference level	Clause 7.5, 3GPP TS 51.021 : 2025	Permanent
1499	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Spurious emissions from the receiver antenna connector	Clause 7.9, 3GPP TS 51.021 : 2025	Permanent
1500	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Static Reference Sensitivity Level	Clause 7.3, 3GPP TS 51.021 : 2025	Permanent
1501	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Intra Base Station System intermodulation attenuation	Clause 6.8, 3GPP TS 51.021 : 2025	Permanent
1502	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Mean transmitted RF carrier power	Clause 6.3, 3GPP TS 51.021 : 2025	Permanent
1503	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Spurious emissions from the transmitter antenna connector	Clause 6.6, 3GPP TS 51.021 : 2025	Permanent
1504	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Intermodulation attenuation	Clause 6.7, 3GPP TS 51.021 : 2025	Permanent
1505	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Radiated spurious emissions	Clause 8, 3GPP TS 51.021 : 2025	Permanent
1506	Radio Conformance Test for Base Transceiver Station (BTS) - GSM	Wideband noise and intra BSS intermodulation	Clause 6.12, 3GPP TS 51.021 : 2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
		attenuation in multicarrier operation		
1507	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Adjacent Channel Selectivity (ACS) and narrow-band blocking	Clause 7.5, 3GPP TS 36.141 : 2025	Permanent
1508	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Base station output power	Clause 6.2, 3GPP TS 36.141 : 2025	Permanent
1509	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Blocking	Clause 7.6, 3GPP TS 36.141 : 2025	Permanent
1510	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Home BS output power for adjacent E-UTRA channel protection	Clause 6.2.7, 3GPP TS 36.141 : 2025	Permanent
1511	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Home BS output power for adjacent UTRA channel protection	Clause 6.2.6, 3GPP TS 36.141 : 2025	Permanent
1512	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Home BS output power for co-channel E-UTRA protection	Clause 6.2.8, 3GPP TS 36.141 : 2025	Permanent
1513	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Operating band unwanted emissions	Clause 6.6.3, 3GPP TS 36.141 : 2025	Permanent
1514	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Receiver intermodulation	Clause 7.8, 3GPP TS 36.141 : 2025	Permanent
1515	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Receiver spurious emissions	Clause 7.7, 3GPP TS 36.141 : 2025	Permanent
1516	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Reference sensitivity level	Clause 7.2, 3GPP TS 36.141 : 2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1517	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Transmitter intermodulation	Clause 6.7, 3GPP TS 36.141 : 2025	Permanent
1518	Radio Conformance Test for eNodeB and Compact Cellular Network - LTE	Transmitter spurious emissions	Clause 6.6.4, 3GPP TS 36.141 : 2025	Permanent
1519	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Adjacent Channel Leakage Power Ratio (ACLR)	Clause 6.5.2.2, 3GPP TS 25.141 : 2025	Permanent
1520	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Adjacent Channel Selectivity (ACS)	Clause 7.4, 3GPP TS 25.141 : 2025	Permanent
1521	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Base Station output power	Clause 6.2, 3GPP TS 25.141 : 2025	Permanent
1522	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Blocking characteristics	Clause 7.5, 3GPP TS 25.141 : 2025	Permanent
1523	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Home base station output power for adjacent channel protection	Clause 6.4.6, 3GPP TS 25.141 : 2025	Permanent
1524	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Intermodulation characteristics	Clause 7.6, 3GPP TS 25.141 : 2025	Permanent
1525	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Reference sensitivity level	Clause 7.2, 3GPP TS 25.141 : 2025	Permanent
1526	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Spectrum emission mask	Clause 6.5.2.1, 3GPP TS 25.141 : 2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1527	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Spurious emissions	Clause 6.5.3, 3GPP TS 25.141 : 2025	Permanent
1528	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Spurious emissions	Clause 7.7, 3GPP TS 25.141 : 2025	Permanent
1529	Radio Conformance Test for NodeB and compact cellular network - WCDMA	Transmitter intermodulation	Clause 6.6, 3GPP TS 25.141 : 2025	Permanent
1530	Radio Frequency and Telecom products	Conducted emission test on AC Power line	FCC Part 15 Subpart C (Cl. 15.207), FCC Part 15 Subpart E (Cl. 15.407(b)(6)), RSS Gen (Cl. 8.8), ANSI C63.10 : 2020	Permanent
1531	Radio Frequency Identification equipments	Blocking or desensitization	Cl. 4.4.2 ETSI EN 302 208 : 2023	Permanent
1532	Radio Frequency Identification equipments	Transmitter Spectrum Masks	Cl. 4.3.5 of ETSI EN 302 208 : 2023	Permanent
1533	Radio Frequency Identification equipments	Transmitter Spurious Emissions	Cl. 4.3.6 of ETSI EN 302 208 : 2023	Permanent
1534	Radio Frequency Identification equipments	Unwanted Emissions	Cl. 4.5.2, ETSI EN 302 208 : 2023	Permanent
1535	RF and Telecom products (Short Range)	Receiver spurious Emissions	ETSI EN 300 330-2 Clause 4.2.2.3 : 2015	Permanent
1536	RF and Telecom products (Short Range)	Transmitter spurious and out of band emissions	ETSI EN 300 330-2 Clause 4.2.1.4 : 2015	Permanent
1537	RF Equipments connected to AC mains directly or indirectly	Conducted emission test on AC Power line	FCC Part 15 Subpart C (Cl. 15.207), FCC Part 15 Subpart E (Cl. 15.407(b)(6)), RSS Gen (Cl. 8.8), ANSI C63.10 : 2020	Permanent
1538	RF Requirements for CDMA 2000	Receiver Adjacent Channel Selectivity (ACS)	EN 301 908-4 (CDMA) Clause 4.2.8 : 2013	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1539	RF Requirements for CDMA 2000	Receiver In-band blocking	EN 301 908-4 (CDMA) Clause 4.2.6 : 2013	Permanent
1540	RF Requirements for CDMA 2000	Receiver spurious emission in idle mode (Conducted)	1x: S0011 Clause 3.6 OR EN 301 908-4 (CDMA) Clause 4.2.5	Permanent
1541	RF Requirements for CDMA 2000	Transmitter Maximum output power	1x: S0011 Clause 4.4.5 OR EN 301 908-4 (CDMA) Clause 4.2.3 : 2013	Permanent
1542	RF Requirements for CDMA 2000	Transmitter Spectrum emissions mask	1x: S0011 Clause 4.5.1 OR EN 301 908-4 (CDMA) Clause 4.2.2 : 2013	Permanent
1543	RF Requirements for CDMA 2000	Transmitter spurious emissions in active mode (Conducted)	1x: S0011 Clause 4.5.1 OR EN 301 908-4 (CDMA) Clause 4.2.2 : 2013	Permanent
1544	RF Requirements for LTE/LTE-A	Maximum output power	3GPP TS 36.521-1 Clause 6.2.2 OR EN 301 908-13 (LTE) Clause 4.2.2 : 2026	Permanent
1545	RF Requirements for LTE/LTE-A	Receiver Adjacent Channel Selectivity (ACS)	3GPP TS 36.521-1 Clause 7.5 OR EN 301 908-13 (LTE) Clause 4.2.6 : 2026	Permanent
1546	RF Requirements for LTE/LTE-A	Receiver In-band blocking	3GPP TS 36.521-1 Clause 7.6.1 OR EN 301 908-13 (LTE) Clause 4.2.7 : 2026	Permanent
1547	RF Requirements for LTE/LTE-A	Receiver Reference Sensitivity level	3GPP TS 36.521-1 Clause 7.3 OR EN 301 908-13 (LTE) Clause 4.2.12 : 2026	Permanent
1548	RF Requirements for LTE/LTE-A	Receiver Spurious Emission	3GPP TS 36.521-1 Clause 7.9 OR EN 301 908-13 (LTE) Clause 4.2.10 : 2026	Permanent
1549	RF Requirements for LTE/LTE-A	Spectrum emissions mask	3GPP TS 36.521-1 Clause 6.6.2.1 OR EN 301 908-13 (LTE) Clause 4.2.3 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1550	RF Requirements for LTE/LTE-A	SPURIOUS EMISSIONS	3GPP TS 36.521-1 Clause 6.6.3.1, 6.6.3.2, 6.6.3.3 OR EN 301 908-13 (LTE) Clause 4.2.4 : 2026	Permanent
1551	RF Requirements of GSM/GPRS/EDGE	Adjacent Channel Rejection (speech channels)	3GPP TS 51.010-1 Clause 14.5.1 OR EN 301 511 (GSM) Clause 4.2.38 : 2024	Permanent
1552	RF Requirements of GSM/GPRS/EDGE	Frequency Error and phase error	3GPP TS 51.010-1 Clause 13.1 OR EN 301 511 (GSM) Clause 4.2.1; GPRS: 3GPP TS 51.010-1 Clause 13.16.1 OR EN 301 511 (GSM) Clause 4.2.4 : 2024	Permanent
1553	RF Requirements of GSM/GPRS/EDGE	Output RF Spectrum	3GPP TS 51.010-1 Clause 13.4 OR EN 301 511 (GSM) Clause 4.2.6; GPRS: 3GPP TS 51.010-1 Clause 13.16.3 OR EN 301 511 (GSM) Clause 4.2.11 : 2024	Permanent
1554	RF Requirements of GSM/GPRS/EDGE	RECEIVER BLOCKING and spurious response	3GPP TS 51.010-1 Clause 14.7, 14.18.5 OR EN 301 511 Clause 4.2.20–4.2.25, 4.2.30, 4.2.31, 5.3.20–5.3.25, 5.3.30, 5.3.31 (GSM) : 2024	Permanent
1555	RF Requirements of GSM/GPRS/EDGE	Reference sensitivity level (speech channels)	3GPP TS 51.010-1 Clause 14.2.1 OR EN 301 511 (GSM) Clause 4.2.42 : 2024	Permanent
1556	RF Requirements of GSM/GPRS/EDGE	Spurious emission (MS in idle mode)	3GPP TS 51.010-1 Clause 12.1.2 OR EN 301 511 (GSM) Clause 4.2.13 : 2024	Permanent
1557	RF Requirements of GSM/GPRS/EDGE	Spurious emissions (MS allocated a channel)	3GPP TS 51.010-1 Clause 12.1.1 OR EN 301 511 (GSM) Clause 4.2.12 : 2024	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1558	RF Requirements of GSM/GPRS/EDGE	Transmitter Maximum output power	GSM: 3GPP TS 51.010-1 Clause 13.3 OR EN 301 511 (GSM) Clause 4.2.5; GPRS: 3GPP TS 51.010-1 Clause 13.16.2 OR EN 301 511 (GSM) Clause 4.2.10 : 2024	Permanent
1559	RF Requirements of WCDMA/HSPA	Receiver Adjacent Channel Selectivity (ACS)	3GPP TS 34.121-1 Clause 6.4 OR EN 301 908-2 (UMTS) Clause 4.2.6 : 2020	Permanent
1560	RF Requirements of WCDMA/HSPA	Receiver In-band blocking	3GPP TS 34.121-1 Clause 6.5.2.1 OR EN 301 908-2 (UMTS) Clause 4.2.7 : 2020	Permanent
1561	RF Requirements of WCDMA/HSPA	Receiver Reference sensitivity level	3GPP TS 34.121-1 Clause 6.2 OR EN 301 908-2 (UMTS) Clause 4.2.13 : 2020	Permanent
1562	RF Requirements of WCDMA/HSPA	Receiver spurious emission	3GPP TS 34.121-1 Clause 6.8 OR EN 301 908-2 (UMTS) Clause 4.2.10 : 2020	Permanent
1563	RF Requirements of WCDMA/HSPA	Transmitter Maximum output power	3GPP TS 34.121-1 Clause 5.2 OR EN 301 908-2 (UMTS) Clause 4.2.2 : 2020	Permanent
1564	RF Requirements of WCDMA/HSPA	Transmitter Minimum Output Power	3GPP TS 34.121-1 Clause 5.4.3 OR EN 301 908-2 (UMTS) Clause 4.2.5 : 2020	Permanent
1565	RF Requirements of WCDMA/HSPA	Transmitter Spectrum emissions mask	3GPP TS 34.121-1 Clause 5.9 OR EN 301 908-2 (UMTS) Clause 4.2.3 : 2020	Permanent
1566	RF Requirements of WCDMA/HSPA	Transmitter spurious emissions	3GPP TS 34.121-1 Clause 5.11 OR EN 301 908-2 (UMTS) Clause 4.2.4 : 2020	Permanent
1567	ROUTER	General Functions / Features: PSTN Connectivity, Data	TEC/IR/I/TCP-001/05 MAR 14 : 2014	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
		Rates, Availability of service, O & M, Performance reporting		
1568	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Adaptive Frequency Agility	ETSI EN 300 220-2 Clause 4.5.4 : 2018	Permanent
1569	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Clear channel assessment threshold	ETSI EN 300 220-2 Clause 4.5.2 : 2018	Permanent
1570	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Operating frequency	ETSI EN 300 220-2 Clause 4.2.1 : 2018	Permanent
1571	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Polite spectrum access timing parameters	ETSI EN 300 220-2 Clause 4.5.3 : 2018	Permanent
1572	Short Range Devices (SRD) (25 MHz to 1000 MHz)	RX Blocking	ETSI EN 300 220-2 Clause 4.4.2 : 2018	Permanent
1573	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Rx sensitivity	ETSI EN 300 220-2 Clause 4.4.1 : 2018	Permanent
1574	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX Adaptive power control	ETSI EN 300 220-2 Clause 4.3.9 : 2018	Permanent
1575	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX behaviour under low voltage conditions	ETSI EN 300 220-2 Clause 4.3.8 : 2018	Permanent
1576	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX Duty cycle	ETSI EN 300 220-2 Clause 4.3.3 : 2018	Permanent
1577	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX effective radiated power	ETSI EN 300 220-2 Clause 4.3.1 : 2018	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1578	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX FHSS	ETSI EN 300 220-2 Clause 4.3.10 : 2018	Permanent
1579	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX Maximum e.r.p. spectral density	ETSI EN 300 220-2 Clause 4.3.2 : 2018	Permanent
1580	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX Occupied bandwidth	ETSI EN 300 220-2 Clause 4.3.4 : 2018	Permanent
1581	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX out of band emissions	ETSI EN 300 220-2 Clause 4.3.5 : 2018	Permanent
1582	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX Short term behaviour	ETSI EN 300 220-2 Clause 4.3.11 : 2018	Permanent
1583	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX Transient	ETSI EN 300 220-2 Clause 4.3.6 : 2018	Permanent
1584	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Unwanted emissions in the spurious domain	ETSI EN 300 220-2 Clause 4.2.2 : 2018	Permanent
1585	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Adaptive Power Control	ETSI EN 300 220-1 Clause 5.13 : 2017	Permanent
1586	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Adjacent Channel Power	ETSI EN 300 220-1 Clause 5.11 : 2017	Permanent
1587	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Adjacent channel selectivity	ETSI EN 300 220-1 Clause 5.15 : 2017	Permanent
1588	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Behaviour at high wanted signal level	ETSI EN 300 220-1 Clause 5.19 : 2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1589	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Blocking	ETSI EN 300 220-1 Clause 5.18 : 2017	Permanent
1590	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Duty Cycle	ETSI EN 300 220-1 Clause 5.4 : 2017	Permanent
1591	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Duty cycle template	ETSI EN 300 220-1 Clause 5.5 : 2017	Permanent
1592	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Effective radiated power	ETSI EN 300 220-1 Clause 5.2 : 2017	Permanent
1593	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Frequency error	ETSI EN 300 220-1 Clause 5.7 : 2017	Permanent
1594	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Maximum effective radiated power spectral density	ETSI EN 300 220-1 Clause 5.3 : 2017	Permanent
1595	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Occupied Bandwidth	ETSI EN 300 220-1 Clause 5.6 : 2017	Permanent
1596	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Operating frequency	ETSI EN 300 220-1 Clause 5.1 : 2017	Permanent
1597	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Polite spectrum access	ETSI EN 300 220-1 Clause 5.21 : 2017	Permanent
1598	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Receiver saturation at Adjacent Channel	ETSI EN 300 220-1 Clause 5.16 : 2017	Permanent
1599	Short Range Devices (SRD) (25 MHz to 1000 MHz)	RX sensitivity level	ETSI EN 300 220-1 Clause 5.14 : 2017	Permanent



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Validity : 29.09.2030

Amendment date: N/A

Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1600	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Spurious response rejection	ETSI EN 300 220-1 Clause 5.17 : 2017	Permanent
1601	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Transient Power	ETSI EN 300 220-1 Clause 5.10 : 2017	Permanent
1602	Short Range Devices (SRD) (25 MHz to 1000 MHz)	TX behaviour under Low Voltage Conditions	ETSI EN 300 220-1 Clause 5.12 : 2017	Permanent
1603	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Tx Out of band emission	ETSI EN 300 220-1 Clause 5.8 : 2017	Permanent
1604	Short Range Devices (SRD) (25 MHz to 1000 MHz)	Unwanted emission in spurious domain	ETSI EN 300 220-1 Clause 5.9 : 2017	Permanent
1605	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Adjacent channel selectivity	ETSI EN 300 330 Clause 4.4.3 : 2017	Permanent
1606	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Modulation bandwidth	ETSI EN 300 330 Clause 4.3.3 : 2017	Permanent
1607	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Operating frequency ranges	ETSI EN 300 330 Clause 4.3.2 : 2017	Permanent
1608	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Permitted range of operating frequencies	ETSI EN 300 330 Clause 4.3.1 : 2017	Permanent
1609	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Receiver blocking or desensitization	ETSI EN 300 330 Clause 4.4.4 : 2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	inductive loop 9 kHz to 30 MHz)			
1610	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Receiver spurious emissions	ETSI EN 300 330 Clause 4.4.2 : 2017	Permanent
1611	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Transmitter conducted spurious emissions	ETSI EN 300 330 Clause 4.3.7 : 2017	Permanent
1612	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Transmitter Frequency stability	ETSI EN 300 330 Clause 4.3.10 : 2017	Permanent
1613	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Transmitter H-field requirements	ETSI EN 300 330 Clause 4.3.4 : 2017	Permanent
1614	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Transmitter radiated E-field	ETSI EN 300 330 Clause 4.3.6 : 2017	Permanent
1615	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Transmitter radiated spurious domain emission limits < 30 MHz	ETSI EN 300 330 Clause 4.3.8 : 2017	Permanent
1616	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Transmitter radiated spurious domain emission limits > 30 MHz	ETSI EN 300 330 Clause 4.3.9 : 2017	Permanent
1617	Short Range Devices (SRD) (9 kHz to 25 MHz & inductive loop 9 kHz to 30 MHz)	Transmitter RF carrier current	ETSI EN 300 330 Clause 4.3.5 : 2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1618	Short Range devices operating in the range 1GHz to 40GHz	Receiver Spurious emissions	ETSI EN 300 440-2 Clause 4.4.3, 5.4.1 : 2025	Permanent
1619	Short Range devices operating in the range 1GHz to 40GHz	TX unwanted emissions	ETSI EN 300 440-2 Clause 4.3.4, 5.3.3 : 2025	Permanent
1620	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Adjacent channel selectivity	cl. 7.5 ETSI TS 138 101-1 : 2026	Permanent
1621	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Blocking characteristics	cl. 7.6 ETSI TS 138 101-1 : 2026	Permanent
1622	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Diversity characteristics	cl. 7.2 ETSI TS 138 101-1 : 2026	Permanent
1623	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Intermodulation characteristics	cl. 7.8 ETSI TS 138 101-1 : 2026	Permanent
1624	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Maximum input level	Cl. 7.4 ETSI TS 138 101-1 : 2026	Permanent
1625	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Output power dynamics	cl. 6.3 ETSI TS 138 101-1 : 2026	Permanent
1626	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Output RF spectrum emissions	cl. 6.5 ETSI TS 138 101-1 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1627	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Reference sensitivity	cl. 7.3 ETSI TS 138 101-1 : 2026	Permanent
1628	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Spurious emissions	cl. 7.9 ETSI TS 138 101-1 : 2026	Permanent
1629	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Spurious response	cl. 7.7 ETSI TS 138 101-1 : 2026	Permanent
1630	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Transmit signal quality	cl. 6.4 ETSI TS 138 101-1 : 2026	Permanent
1631	User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone	Transmitter power	cl. 6.2 ETSI TS 138 101-1 : 2026	Permanent
1632	Base Station (BS)	Out-of-band blocking	Clause 7.5, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1633	Base Station (BS)	Adjacent Channel Leakage Power Ratio (ACLR)	Clause 6.6.3, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1634	Base Station (BS)	Dynamic Range	Clause 7.3, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1635	Base Station (BS)	In-band selectivity and blocking	Clause 7.4, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1636	Base Station (BS)	Output power dynamics	Clause 6.3, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1637	Base Station (BS)	Receiver intermodulation	Clause 7.7, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1638	Base Station (BS)	Receiver intermodulation	Clause 7.7, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1639	Base Station (BS)	Receiver spurious emissions	Clause 7.6, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1640	Base Station (BS)	Reference sensitivity level	Clause 7.2, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1641	Base Station (BS)	Transmitted signal quality	Clause 6.5, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1642	Base Station (BS)	Transmitter spurious emissions	Clause 6.6.5, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1643	Base Station (BS)	Base station output power	Clause 6.2, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1644	Base Station (BS)	Output power dynamics	Clause 6.3, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1645	Base Station (BS)	In-band blocking	Clause 7.4.2, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1646	Base Station (BS)	In-band blocking	Clause 7.4.2, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1647	Base Station (BS)	In-channel selectivity	Clause 7.8, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1648	Base Station (BS)	In-channel selectivity	Clause 7.8, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1649	Base Station (BS)	Occupied bandwidth	Clause 6.6.2, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1650	Base Station (BS)	Occupied bandwidth	Clause 6.6.2, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1651	Base Station (BS)	Out-of-band blocking	Clause 7.5, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1652	Base Station (BS)	Adjacent Channel Leakage power Ratio (ACLR)	Clause 6.6.2, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1653	Base Station (BS)	Adjacent Channel Leakage power Ratio (ACLR)	Clause 6.6.3, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1654	Base Station (BS)	Adjacent Channel Selectivity (ACS)	Clause 7.4.1, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1655	Base Station (BS)	Adjacent Channel Selectivity (ACS)	Clause 7.4.1, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1656	Base Station (BS)	Adjacent Channel Selectivity (ACS) and narrow-band blocking	Clause 7.5, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1657	Base Station (BS)	Base station output power	Clause 6.2, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1658	Base Station (BS)	Base station output power	Clause 6.2, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1659	Base Station (BS)	Blocking	Clause 7.6, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1660	Base Station (BS)	Dynamic range	Clause 7.3, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1661	Base Station (BS)	Dynamic range	Clause 7.3, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1662	Base Station (BS)	In-band selectivity and blocking	Clause 7.4, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1663	Base Station (BS)	In-channel selectivity	Clause 7.4, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1664	Base Station (BS)	Occupied bandwidth	Clause 6.6.1, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1665	Base Station (BS)	Operating band unwanted emissions	Clause 6.6.3, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1666	Base Station (BS)	Operating band unwanted emissions	Clause 6.6.4, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1667	Base Station (BS)	Operating band unwanted emissions	Clause 6.6.4, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1668	Base Station (BS)	Output power dynamics	Clause 6.3, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1669	Base Station (BS)	Receiver intermodulation	Clause 7.8, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1670	Base Station (BS)	Receiver spurious emissions	Clause 7.7, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1671	Base Station (BS)	Receiver spurious emissions	Clause 7.6, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1672	Base Station (BS)	Reference sensitivity level	Clause 7.2, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1673	Base Station (BS)	Reference sensitivity level	Clause 7.2, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1674	Base Station (BS)	Transmit ON/OFF power	Clause 6.4, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1675	Base Station (BS)	Transmit ON/OFF power	Clause 6.4, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1676	Base Station (BS)	Transmit ON/OFF power	Clause 6.4, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1677	Base Station (BS)	Transmitted signal quality	Clause 6.5, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1678	Base Station (BS)	Transmitted signal quality	Clause 6.5, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1679	Base Station (BS)	Transmitter intermodulation	Clause 6.7, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1680	Base Station (BS)	Transmitter intermodulation	Clause 6.7, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1681	Base Station (BS)	Transmitter intermodulation	Clause 6.7, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1682	Base Station (BS)	Transmitter spurious emissions	Clause 6.6.4, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1683	Base Station (BS)	Transmitter spurious emissions	Clause 6.6.5, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1684	Base Station (BS)	Unwanted emissions	Clause 6.6, 3GPP TS 36.141/ETSI TS 136 141 : 2026	Permanent
1685	Base Station (BS)	Unwanted emissions	Clause 6.6, 3GPP TS 38.104/ETSI TS 138 104 : 2026	Permanent
1686	Base Station (BS)	Unwanted emissions	Clause 6.6, 3GPP TS 38.141-1/ETSI TS 138 141-1 : 2026	Permanent
1687	Fixed Radio Systems	Adjacent channel power	Clause 5.3.4, ETSI EN 302 326-2 : 2026	Permanent
1688	Fixed Radio Systems	Antenna directional characteristics	Clause 7.4, ETSI EN 302 217-1 : 2025	Permanent
1689	Fixed Radio Systems	Antenna test methods	Clause 5.4, ETSI EN 302 217-2 : 2025	Permanent
1690	Fixed Radio Systems	BER as a function of Receiver input Signal Level (RSL)	Clause 5.3.2, ETSI EN 302 217-2 : 2025	Permanent
1691	Fixed Radio Systems	Dynamic Change of Modulation Order	Clause 5.3.8, Clause 6.3.8 ETSI EN 302 326-2 : 2026	Permanent
1692	Fixed Radio Systems	Interference sensitivity	Clause 5.4.4, Clause 6.4.4 ETSI EN 302 326-2 : 2026	Permanent
1693	Fixed Radio Systems	Minimum RSL	Clause 5.4.3, Clause 6.4.3 ETSI EN 302 326-2 : 2026	Permanent
1694	Fixed Radio Systems	Receiver BER as a function of Receiver Signal Level	Clause 7.3.2, ETSI EN 302 217-1 : 2025	Permanent
1695	Fixed Radio Systems	Receiver characteristics	Clause 7.3, ETSI EN 302 217-1 : 2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1696	Fixed Radio Systems	Receiver selectivity	Clause 5.3.3, ETSI EN 302 217-2 : 2025	Permanent
1697	Fixed Radio Systems	Receiver selectivity	Clause 7.3.3, ETSI EN 302 217-1 : 2025	Permanent
1698	Fixed Radio Systems	Receiver spurious emissions	Clause 5.4.2, Clause 6.4.2 ETSI EN 302 326-2 : 2026	Permanent
1699	Fixed Radio Systems	Receiver unwanted emissions in the spurious domain	Clause 5.3.1, ETSI EN 302 217-2 : 2025	Permanent
1700	Fixed Radio Systems	Remote Frequency Control (RFC)	Clause 5.3.7, Clause 6.3.7 ETSI EN 302 326-2 : 2026	Permanent
1701	Fixed Radio Systems	Transmitter characteristics	Clause 7.2, ETSI EN 302 217-1 : 2025	Permanent
1702	Fixed Radio Systems	Transmitter discrete CW components exceeding the spectrum mask limit	Clause 7.2.4, ETSI EN 302 217-1 : 2025	Permanent
1703	Fixed Radio Systems	Transmitter discrete CW components exceeding the RF spectrum mask limit	Clause 5.2.4, Clause 6.3.4.2 ETSI EN 302 217-2 : 2025	Permanent
1704	Fixed Radio Systems	Transmitter dynamic Change of Modulation Order	Clause 5.2.6, ETSI EN 302 217-2 : 2025	Permanent
1705	Fixed Radio Systems	Transmitter dynamic change of modulation order	Clause 7.2.6, ETSI EN 302 217-1 : 2025	Permanent
1706	Fixed Radio Systems	Transmitter emission limitations outside the allocated band	Clause 5.2.8, ETSI EN 302 217-2 : 2025	Permanent
1707	Fixed Radio Systems	Transmitter emission limitations outside the allocated band	Clause 7.2.8, ETSI EN 302 217-1 : 2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1708	Fixed Radio Systems	Transmitter output frequency error/stability (output frequency tolerance)	Clause 5.3.3, ETSI EN 302 326-2 : 2026	Permanent
1709	Fixed Radio Systems	Transmitter output power	Clause 5.3.2, ETSI EN 302 326-2 : 2026	Permanent
1710	Fixed Radio Systems	Transmitter power and frequency control	Clause 5.2.2, Clause 6.3.3 ETSI EN 302 217-2 : 2025	Permanent
1711	Fixed Radio Systems	Transmitter power and frequency control	Clause 7.2.2, ETSI EN 302 217-1 : 2025	Permanent
1712	Fixed Radio Systems	Transmitter power and power environmental variation	Clause 5.2.1, Clause 6.3.2 ETSI EN 302 217-2 : 2025	Permanent
1713	Fixed Radio Systems	Transmitter power and power tolerance	Clause 7.2.1, ETSI EN 302 217-1 : 2025	Permanent
1714	Fixed Radio Systems	Transmitter power control (ATPC and RTPC)	Clause 5.3.6, Clause 6.3.6 ETSI EN 302 326-2 : 2026	Permanent
1715	Fixed Radio Systems	Transmitter Radio Frequency spectrum mask	Clause 5.2.3, Clause 6.3.4 ETSI EN 302 217-2 : 2025	Permanent
1716	Fixed Radio Systems	Transmitter Radio Frequency spectrum mask	Clause 7.2.3, ETSI EN 302 217-1 : 2025	Permanent
1717	Fixed Radio Systems	Transmitter Radio Frequency tolerance	Clause 5.2.7, ETSI EN 302 217-2 : 2025	Permanent
1718	Fixed Radio Systems	Transmitter Radio Frequency tolerance	Clause 7.2.7, ETSI EN 302 217-1 : 2025	Permanent
1719	Fixed Radio Systems	Transmitter spurious emissions	Clause 5.3.5, Clause 6.3.5 ETSI EN 302 326-2 : 2026	Permanent
1720	Fixed Radio Systems	Transmitter unwanted emissions in the spurious domain	Clause 5.2.5, ETSI EN 302 217-2 : 2025	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1721	Fixed Radio Systems	Transmitter unwanted emissions in the spurious domain	Clause 7.2.5, ETSI EN 302 217-1 : 2025	Permanent
1722	Fixed Radio Systems	Unwanted emissions in the spurious domain	Clause 7.3.1, ETSI EN 302 217-1 : 2025	Permanent
1723	Multi-Standard Radio (MSR) Base Station (BS)	In-channel selectivity	Clause 7.8, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1724	Multi-Standard Radio (MSR) Base Station (BS)	Out-of-band blocking	Clause 7.5, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1725	Multi-Standard Radio (MSR) Base Station (BS)	Adjacent Channel Leakage Power Ratio (ACLR)	Clause 6.6.4, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1726	Multi-Standard Radio (MSR) Base Station (BS)	Base station output power	Clause 6.2, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1727	Multi-Standard Radio (MSR) Base Station (BS)	Dynamic Range	Clause 7.3, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1728	Multi-Standard Radio (MSR) Base Station (BS)	In-band selectivity and blocking	Clause 7.4, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1729	Multi-Standard Radio (MSR) Base Station (BS)	Occupied bandwidth	Clause 6.6.3, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1730	Multi-Standard Radio (MSR) Base Station (BS)	Operating band unwanted emissions	Clause 6.6.2, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1731	Multi-Standard Radio (MSR) Base Station (BS)	Output power dynamics	Clause 6.3, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1732	Multi-Standard Radio (MSR) Base Station (BS)	Receiver intermodulation	Clause 7.7, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1733	Multi-Standard Radio (MSR) Base Station (BS)	Receiver spurious emissions	Clause 7.6, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1734	Multi-Standard Radio (MSR) Base Station (BS)	Reference sensitivity level	Clause 7.2, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1735	Multi-Standard Radio (MSR) Base Station (BS)	Transmit ON/OFF power	Clause 6.4, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1736	Multi-Standard Radio (MSR) Base Station (BS)	Transmitted signal quality	Clause 6.5, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1737	Multi-Standard Radio (MSR) Base Station (BS)	Transmitter intermodulation	Clause 6.7, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1738	Multi-Standard Radio (MSR) Base Station (BS)	Transmitter spurious emissions	Clause 6.6.1, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1739	Multi-Standard Radio (MSR) Base Station (BS)	Unwanted emissions	Clause 6.6, 3GPP TS 37.141/ETSI TS 137 141 : 2026	Permanent
1740	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Dynamic Range	Clause 7.3, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1741	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Occupied bandwidth	Clause 6.6.2, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1742	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Spurious Emission	Clause 6.6.6, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1743	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Transmitter intermodulation	Clause 6.7, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1744	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Adjacent Channel Leakage Power Ratio (ACLR)	Clause 6.6.3, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1745	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Adjacent channel selectivity and narrowband blocking	Clause 7.4, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1746	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Base station output power	Clause 6.2, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1747	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Blocking	Clause 7.5, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1748	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	In-channel selectivity	Clause 7.8, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1749	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Operating band unwanted emission	Clause 6.6.5, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1750	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Output power dynamics	Clause 6.3, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1751	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Receiver intermodulation	Clause 7.7, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1752	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Receiver spurious emissions	Clause 7.6, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1753	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Reference sensitivity level	Clause 7.2, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1754	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Spectrum emission mask	Clause 6.6.4, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1755	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Transmit ON/OFF power	Clause 6.4, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1756	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Transmitted signal quality	Clause 6.5, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1757	UMTS; LTE; 5G; Active Antenna System (AAS) Base Station (BS)	Unwanted emissions	Clause 6.6, 3GPP TS 37.145-1/ETSI TS 137 145-1 : 2026	Permanent
1758	Inductive loop systems for robotic mowers	Operating Frequency Range (OFR)	ETSI EN 303 447 Clause 4.3.1 : 2022	Permanent
1759	Inductive loop systems for robotic mowers	Receiver Baseline Sensitivity	ETSI EN 303 447 Clause 4.4.3 : 2022	Permanent
1760	Inductive loop systems for robotic mowers	Receiver spurious emissions	ETSI EN 303 447 Clause 4.4.2 : 2022	Permanent
1761	Inductive loop systems for robotic mowers	Transmitter H-field requirements	ETSI EN 303 447 Clause 4.3.2 : 2022	Permanent
1762	Inductive loop systems for robotic mowers	Transmitter out of band (OOB) emissions	ETSI EN 303 447 Clause 4.3.4 : 2022	Permanent
1763	Inductive loop systems for robotic mowers	Transmitter spurious emissions	ETSI EN 303 447 Clause 4.3.3 : 2022	Permanent
1764	Inductive loop systems for robotic mowers	Receiver Baseline Resilience	ETSI EN 303 447 Clause 4.4.4 : 2022	Permanent
1765	Metal and object detection sensors	Operating Frequency Range (OFR)	ETSI EN 303 447 Clause 4.3.1 : 2022	Permanent
1766	Metal and object detection sensors	Receiver Baseline Sensitivity	ETSI EN 303 447 Clause 4.4.3 : 2022	Permanent
1767	Metal and object detection sensors	Receiver spurious emissions	ETSI EN 303 447 Clause 4.4.2 : 2022	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1768	Metal and object detection sensors	Transmitter spurious emissions	ETSI EN 303 447 Clause 4.3.3 : 2022	Permanent
1769	Metal and object detection sensors	Transmitter H-field requirements	ETSI EN 303 447 Clause 4.3.2 : 2022	Permanent
1770	Metal and object detection sensors	Transmitter out of band (OOB) emissions	ETSI EN 303 447 Clause 4.3.4 : 2022	Permanent
1771	Metal and object detection sensors	Receiver Baseline Resilience	ETSI EN 303 447 Clause 4.4.4 : 2022	Permanent
1772	Radio Equipment Operating in the 5 GHz Band for Wireless Access	Performance Specification for Radio Equipment Operating in the 5 GHz Band for Wireless Access	HKTA 1042, Issue 2 (February 2003) : 2003	Permanent
1773	Radio communications apparatus operating in the 2.4 GHz or 5 GHz Band	Performance Specification for Radiocommunications Apparatus operating in the 2.4 GHz or 5 GHz Band and Employing Frequency Hopping or Digital Modulation	HKCA 1039, Issue 6 (June 2015) : 2015	Permanent
1774	6 GHz WAS/RLAN	Power Spectral Density	ETSI EN 303 687 CI 5.4.4 : 2023	Permanent
1775	6 GHz WAS/RLAN	Receiver selectivity	ETSI EN 303 687 CI 4.3.8 : 2023	Permanent
1776	6 GHz WAS/RLAN	User Access Restrictions	ETSI EN 303 687 CI 4.3.10 : 2023	Permanent
1777	6 GHz WAS/RLAN	Assessment procedure for UAR	ETSI EN 303 687 CI 5.4.13 : 2023	Permanent
1778	6 GHz WAS/RLAN	Channel access mechanism	ETSI EN 303 687 CI 5.4.8 : 2023	Permanent
1779	6 GHz WAS/RLAN	Mechanical and electrical design	ETSI EN 303 687 CI 4.3.9 : 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1780	6 GHz WAS/RLAN	Mechanical and electrical design	ETSI EN 303 687 CI 5.4.11 : 2023	Permanent
1781	6 GHz WAS/RLAN	Nominal centre frequencies	ETSI EN 303 687 CI 5.4.2 : 2023	Permanent
1782	6 GHz WAS/RLAN	Nominal centre frequencies and nominal bandwidth	ETSI EN 303 687 CI 4.3.1 : 2023	Permanent
1783	6 GHz WAS/RLAN	Power Spectral Density	ETSI EN 303 687 CI 4.3.3 : 2023	Permanent
1784	6 GHz WAS/RLAN	Receiver blocking	ETSI EN 303 687 CI 4.3.7 : 2023	Permanent
1785	6 GHz WAS/RLAN	Receiver blocking	ETSI EN 303 687 CI 5.4.9 : 2023	Permanent
1786	6 GHz WAS/RLAN	Receiver selectivity	ETSI EN 303 687 CI 5.4.10 : 2023	Permanent
1787	6 GHz WAS/RLAN	Receiver spurious emissions	ETSI EN 303 687 CI 4.3.5 : 2023	Permanent
1788	6 GHz WAS/RLAN	Receiver spurious emissions	ETSI EN 303 687 CI 5.4.7 : 2023	Permanent
1789	6 GHz WAS/RLAN	RF output power	ETSI EN 303 687 CI 4.3.2 : 2023	Permanent
1790	6 GHz WAS/RLAN	RF output power	ETSI EN 303 687 CI 5.4.3 : 2023	Permanent
1791	6 GHz WAS/RLAN	Transmitter unwanted emissions	ETSI EN 303 687 CI 4.3.4 : 2023	Permanent
1792	6 GHz WAS/RLAN	Transmitter unwanted emissions outside the 6 GHz WAS/RLAN band	ETSI EN 303 687 CI 5.4.5 : 2023	Permanent
1793	6 GHz WAS/RLAN	Transmitter unwanted emissions within the 6 GHz WAS/RLAN band	ETSI EN 303 687 CI 5.4.6 : 2023	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1794	6 GHz WAS/RLAN	VLP NB operation with a PSD exceeding 1 dBm/MHz	ETSI EN 303 687 Cl 5.4.12 : 2023	Permanent
1795	6 GHz WAS/RLAN	Channel access mechanism	ETSI EN 303 687 Cl 4.3.6 : 2023	Permanent
1796	RF field strength & SAR from radio base stations & fixed terminal stations (110 MHz - 40 GHz)	RF Exposure	EN 50383 : 2010	Permanent
1797	RF field strength, power density & SAR near base stations (human exposure)	RF Exposure	IEC 62232:2022	Permanent
1798	Principles & methods of measurement and computation	RF Exposure	AS/NZS 2772.2 : 2016	Permanent
1799	RF field strength, power density & SAR near base stations (human exposure)	RF Exposure	IEC 62232:2025	Permanent
1800	RF field strength, power density & SAR near radiocommunication base stations	RF Exposure	IEC TR 62669:2019	Permanent
1801	Human exposure to EMF from stand-alone broadcast transmitter (30 MHz - 40 GHz)	RF Exposure	IEC 62577:2009	Permanent
1802	Radio base stations and fixed terminal stations	RF Exposure	EN 50384 : 2002	Permanent
1803	Satellite Earth Stations and Systems (SES); GNSS receivers (1164–	Receiver blocking	ETSI EN 303 413 Cl. 4.2.1, 5.3, 5.4 : 2021	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	1300 MHz & 1559–1610 MHz)			
1804	Satellite Earth Stations and Systems (SES); GNSS receivers (1164–1300 MHz & 1559–1610 MHz)	Receiver spurious emissions	ETSI EN 303 413 Cl. 4.2.2 : 2021	Permanent
1805	Satellite Earth Stations and Systems (SES); GNSS receivers (1164–1300 MHz & 1559–1610 MHz)	Receiver spurious emissions test	ETSI EN 303 413 Cl. 5.5 : 2021	Permanent
1806	Wireless power transmission systems (non-beam 19–21, 59–61, 79–90, 100–300, 6765–6795 kHz)	H-field requirements	ETSI EN 303 417 Clause 4.3.4 : 2017	Permanent
1807	Wireless power transmission systems (non-beam 19–21, 59–61, 79–90, 100–300, 6765–6795 kHz)	Operating frequency range(s) (OFR)	ETSI EN 303 417 Clause 4.3.3 : 2017	Permanent
1808	Wireless power transmission systems (non-beam 19–21, 59–61, 79–90, 100–300, 6765–6795 kHz)	Permitted range of operating frequencies	ETSI EN 303 417 Clause 4.3.2 : 2017	Permanent
1809	Wireless power transmission systems (non-beam 19–21, 59–61, 79–90, 100–300, 6765–6795 kHz)	Receiver Conformance requirements	ETSI EN 303 417 Clause 4.4 : 2017	Permanent
1810	Wireless power transmission systems	Transmitter out of band (OOB) emissions	ETSI EN 303 417 Clause 4.3.6 : 2017	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	(non-beam 19–21, 59–61, 79–90, 100–300, 6765–6795 kHz)			
1811	Wireless power transmission systems (non-beam 19–21, 59–61, 79–90, 100–300, 6765–6795 kHz)	Transmitter spurious emissions	ETSI EN 303 417 Clause 4.3.5 : 2017	Permanent
1812	Wireless power transmission systems (non-beam 19–21, 59–61, 79–90, 100–300, 6765–6795 kHz)	WPT system unwanted conducted emissions	ETSI EN 303 417 Clause 4.3.7 : 2017	Permanent
1813	Intentional Radiators U-NII Devices operating in 2.4GHz frequency band	Antenna Requirement	FCC PART 15 C section 15.247(c) and Section 15.203, ANSI C63.10 : 2020	Permanent
1814	Intentional Radiators U-NII Devices operating in 2.4GHz frequency band	Conducted Emissions at Mains Terminals	FCC PART 15 C section 15.207, ANSI C63.10 : 2020	Permanent
1815	Intentional Radiators U-NII Devices operating in 2.4GHz frequency band	Radiated Spurious Emission	FCC PART 15 C section 15.209 & 15.247(d), ANSI C63.10 : 2020	Permanent
1816	Intentional Radiators U-NII Devices operating in 2.4GHz frequency band	6dB Bandwidth and 99% Occupied Bandwidth	FCC PART 15 C section 15.247(a)(2), ANSI C63.10 : 2020	Permanent
1817	Intentional Radiators U-NII Devices operating in 2.4GHz frequency band	Maximum Peak Output Power	FCC PART 15 C section 15.247(b)(3), ANSI C63.10 : 2020	Permanent
1818	Intentional Radiators U-NII Devices operating in 2.4GHz frequency band	Peak Power Spectral Density	FCC PART 15 C section 15.247(e), ANSI C63.10 : 2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1819	Intentional Radiators U-NII Devices operating in 2.4GHz frequency band	Band Edges Measurement	FCC PART 15 C section 15.247(d) & 15.205, ANSI C63.10 : 2020	Permanent
1820	Intentional Radiators U-NII Devices operating in 2.4GHz frequency band	Conducted Spurious Emission	FCC PART 15 C section 15.209 & 15.247(d), ANSI C63.10 : 2020	Permanent
1821	U-NII devices operating in 5.0GHz & 6.0GHz frequency bands	AC Power Line Conducted Emissions	FCC PART 15 E FCC §15.207 / RSS-Gen, ANSI C63.10 : 2020	Permanent
1822	U-NII devices operating in 5.0GHz & 6.0GHz frequency bands	Spurious Radiated Emissions	FCC PART 15 E FCC §15.209(a), 15.407(b), ANSI C63.10 : 2020	Permanent
1823	U-NII devices operating in 5.0GHz & 6.0GHz frequency bands	26 dB and 99% Emission Bandwidth	FCC PART 15 E FCC §15.407(a), ANSI C63.10 : 2020	Permanent
1824	U-NII devices operating in 5.0GHz & 6.0GHz frequency bands	Maximum Conducted Output Power	FCC PART 15 E FCC §15.407(a)(1), ANSI C63.10 : 2020	Permanent
1825	U-NII devices operating in 5.0GHz & 6.0GHz frequency bands	Band Edges	FCC PART 15 E FCC §2.1051, §15.407(b), ANSI C63.10 : 2020	Permanent
1826	U-NII devices operating in 5.0GHz & 6.0GHz frequency bands	Power Spectral Density	FCC PART 15 E FCC §15.407(a)(1), ANSI C63.10 : 2020	Permanent
1827	U-NII devices operating in 5.0GHz & 6.0GHz frequency bands	Spurious Emissions at Antenna Terminals	FCC PART 15 E FCC §2.1051, §15.407(b), ANSI C63.10 : 2020	Permanent
1828	U-NII devices operating in 5.0GHz & 6.0GHz frequency bands	Antenna Requirement	FCC PART 15 E FCC §15.203, ANSI C63.10 : 2020	Permanent
1829	License-exempt radio apparatus operating in 2.4GHz frequency band	Antenna Requirement	RSS-247, RSS-Gen §8.3, Section 15.203, ANSI C63.10 : 2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1830	License-exempt radio apparatus operating in 2.4GHz frequency band	Conducted Emissions at Mains Terminals	RSS-247, RSS-Gen §8.8, ANSI C63.10 : 2020	Permanent
1831	License-exempt radio apparatus operating in 2.4GHz frequency band	Radiated Spurious Emission	RSS-247 §5.5, RSS-Gen 8.9, ANSI C63.10 : 2020	Permanent
1832	License-exempt radio apparatus operating in 2.4GHz frequency band	6dB Bandwidth and 99% Occupied Bandwidth	RSS-247 §5.2(1), RSS-Gen 6.7, ANSI C63.10 : 2020	Permanent
1833	License-exempt radio apparatus operating in 2.4GHz frequency band	Maximum Peak Output Power	RSS-247 §5.4(4), ANSI C63.10 : 2020	Permanent
1834	License-exempt radio apparatus operating in 2.4GHz frequency band	Peak Power Spectral Density	RSS-247 §5.2(2), ANSI C63.10 : 2020	Permanent
1835	License-exempt radio apparatus operating in 2.4GHz frequency band	Conducted Spurious Emission, Band Edge	RSS-247 §5.5, RSS-Gen 8.9, ANSI C63.10 : 2020	Permanent
1836	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	AC Power Line Conducted Emissions	RSS-247, RSS-Gen §8.8, ANSI C63.10 : 2020	Permanent
1837	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Spurious Radiated Emissions	RSS-247 §5.5, RSS-Gen 8.9, ANSI C63.10 : 2020	Permanent
1838	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	26 dB and 99% Emission Bandwidth	RSS-247 §5.2(1), RSS-Gen 6.7, ANSI C63.10 : 2020	Permanent
1839	License-exempt radio apparatus operating in	Maximum Conducted Output Power	RSS-247 §5.4(4), ANSI C63.10 : 2020	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
	5.0GHz & 6.0GHz frequency bands			
1840	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Band Edges	RSS-247, ANSI C63.10 : 2020	Permanent
1841	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Power Spectral Density	RSS-247 §5.2(2), ANSI C63.10 : 2020	Permanent
1842	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Spurious Emissions at Antenna Terminals	RSS-247 §5.5, RSS-Gen 8.9, ANSI C63.10 : 2020	Permanent
1843	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Antenna Requirement	RSS-Gen §8.3, Section 15.203, ANSI C63.10 : 2020	Permanent
1844	5GHz RLAN/WLAN/PTP/PMP	RF output power, Transmit Power Control (TPC) and Power Spectral Density (PSD)	ETSI EN 301 893 V2.2.1 Clause No. 4.2.3, 5.4.4 : 2024	Permanent
1845	5GHz RLAN/WLAN/PTP/PMP	Adaptivity (Channel Access Mechanism)	ETSI EN 301 893 V2.2.1 Clause No. 4.2.7, 5.4.9 : 2024	Permanent
1846	5GHz RLAN/WLAN/PTP/PMP	Nominal Centre frequency	ETSI EN 301 893 V2.2.1 Clause No. 4.2.1, 5.4.2 : 2024	Permanent
1847	5GHz RLAN/WLAN/PTP/PMP	Dynamic Frequency Selection (DFS)	ETSI EN 301 893 V2.2.1 Clause No. 4.2.6, 5.4.8 : 2024	Permanent
1848	5GHz RLAN/WLAN/PTP/PMP	Nominal Channel Bandwidth and Occupied Bandwidth	ETSI EN 301 893 V2.2.1 Clause No. 4.2.2, 5.4.3 : 2024	Permanent



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Sr. No.	Product / Material / Equipment Used for Test	Parameter/ Type of test/ Properties Measured	Standard specifications/ Equipment/Techniques used	Facility
1849	5GHz RLAN/WLAN/PTP/PMP	Receiver Blocking	ETSI EN 301 893 V2.2.1 Clause No. 4.2.8, 5.4.10 : 2024	Permanent
1850	5GHz RLAN/WLAN/PTP/PMP	Receiver Spurious Emissions	ETSI EN 301 893 V2.2.1 Clause No. 4.2.5, 5.4.7 : 2024	Permanent
1851	5GHz RLAN/WLAN/PTP/PMP	Transmitter Unwanted emissions outside the transmitter's operating bands	ETSI EN 301 893 V2.2.1 Clause No. 4.2.4.1, 5.4.5 : 2024	Permanent
1852	5GHz RLAN/WLAN/PTP/PMP	Transmitter Unwanted emissions within the transmitter's operating bands	ETSI EN 301 893 V2.2.1 Clause No. 4.2.4.2, 5.4.6 : 2024	Permanent
1853	5GHz RLAN/WLAN/PTP/PMP	Adjacent channel selectivity	ETSI EN 301 893 V2.2.1 Clause No. 4.2.9, 5.4.11 : 2024	Permanent
1854	5GHz RLAN/WLAN/PTP/PMP	User Access Restrictions (UAR)	ETSI EN 301 893 V2.2.1 Clause No. 4.2.10, 5.4.12 : 2024	Permanent
1855	Electronic and Electrical equipment related to human exposure restrictions for electromagnetic fields	Human RF exposure	IEC/EN 62311 : 2019	Permanent



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