National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AB MSAI RESEARCH LABS PRIVATE LIMITED, A-1/6 (BASEMENT, STILT & U.G.F), PASCHIM VIHAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Capacity	Clause No. 5.1 & 7.1 of IS 16220 (Part 1): 2015/ Clause No. 5.1 & 7.1 of IEC 61056-1
2	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Charge Acceptance after Deep Discharge	Clause No. 5.5 & 7.9 of IS 16220 (Part 1): 2015/ Clause No. 5.5 & 7.9 of IEC 61056-1
3	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Charge Retention	Clause No. 5.3 & 7.7 of IS 16220 (Part 1): 2015/ Clause No. 5.3 & 7.7 of IEC 61056-1
4	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Construction	Clause No. 4.1 of IS 16220 (Part 1): 2015/ Clause No. 4.1 of IEC 61056-1
5	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Designation	Clause No. 4.3 of IS 16220 (Part 1): 2015/ Clause No. 4.3 of IEC 61056-1
6	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Endurance, Float Service & Float Service endurance	Clause No. 5.2, 7.4, 7.5 & 7.6 of IS 16220 (Part 1): 2015/ Clause No. 5.2, 7.4, 7.5 & 7.6 of IEC 61056-1
7	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	High-Rate Discharge characteristics	Clause No. 5.6 of IS 16220 (Part 1): 2015/ Clause No. 5.6 of IEC 61056-1
8	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Marking of Polarity	Clause No. 4.4 of IS 16220 (Part 1): 2015/ Clause No. 4.4 of IEC 61056-1
9	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Maximum Permissible Current	Clause No.5.4 & 7.8 of IS 16220 (Part 1): 2015/ Clause No. 5.4 & 7.8 of IEC 61056-1
10	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Mechanical Strength	Clause No. 4.2 of IS 16220 (Part 1): 2015/ Clause No. 4.2 of IEC 61056-1
11	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Shock Resistant Characteristics	Clause No. 5.10 & 7.13 of IS 16220 (Part 1): 2015/ Clause No. 5.10 & 7.13 of IEC 61056-1
12	ELECTRICAL- CELLS & BATTERIES	General purpose lead-acid batteries (valve-regulated types)	Vibration Resistant Characteristics	Clause No. 5.9 & 7.12 of IS 16220 (Part 1): 2015/ Clause No. 5.9 & 7.12 of IEC 61056-1
13	ELECTRICAL- CELLS & BATTERIES	Lithium metal and lithium ion batteries	Altitude simulation	Clause No. 38.3.4.1 of UN 38.3: 2015+A1

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14	ELECTRICAL- CELLS & BATTERIES	Lithium metal and lithium ion batteries	External short circuit test	Clause No. 38.3.4.5 of UN 38.3: 2015+A1
15	ELECTRICAL- CELLS & BATTERIES	Lithium metal and lithium ion batteries	Forced discharge	Clause No. 38.3.4.8 of UN 38.3: 2015+A1
16	ELECTRICAL- CELLS & BATTERIES	Lithium metal and lithium ion batteries	Impact/crush test	Clause no. 38.3.4.6 of UN 38.3: 2015+A1
17	ELECTRICAL- CELLS & BATTERIES	Lithium metal and lithium ion batteries	Overcharge test	Clause No. 38.3.4.7 of UN 38.3: 2015+A1
18	ELECTRICAL- CELLS & BATTERIES	Lithium metal and lithium ion batteries	Shock test	Clause No. 38.3.4.4 of UN 38.3: 2015+A1
19	ELECTRICAL- CELLS & BATTERIES	Lithium metal and lithium ion batteries	Thermal test	Clause no. 38.3.4.2 of UN 38.3: 2015+A1
20	ELECTRICAL- CELLS & BATTERIES	Lithium metal and lithium ion batteries	Vibration test	Clause No. 38.3.4.3 of UN 38.3: 2015+A1
21	ELECTRICAL- CELLS & BATTERIES	Satationary Regulated Lead Acid Batteries	Ampere Hour & Watt Hour Efficiency	Clause No. 12.4 & 12.5 of IS 15549:2005 +A1:2012 +A2:2014 +A3
22	ELECTRICAL- CELLS & BATTERIES	Satationary Regulated Lead Acid Batteries	C1 Capacity & Voltage during discharge	Clause No. 12.2 of IS 15549:2005 +A1:2012 +A2:2014 +A3
23	ELECTRICAL- CELLS & BATTERIES	Satationary Regulated Lead Acid Batteries	C10 Capacity and Voltage during discharge	Clause No. 12.1 of IS 15549:2005 +A1:2012 +A2:2014 +A3
24	ELECTRICAL- CELLS & BATTERIES	Satationary Regulated Lead Acid Batteries	Capacity test at others discharge rates	Clause No. 12.3 of IS 15549:2005 +A1:2012 +A2:2014 +A3
25	ELECTRICAL- CELLS & BATTERIES	Satationary Regulated Lead Acid Batteries	Endurance Life Cycle	Clause No. 12.6 of IS 15549:2005 +A1:2012 +A2:2014 +A3
26	ELECTRICAL- CELLS & BATTERIES	Satationary Regulated Lead Acid Batteries	Retention of Charge	Clause No. 12.6 of IS 15549:2005 +A1:2012 +A2:2014 +A3
27	ELECTRICAL- CELLS & BATTERIES	Satationary Regulated Lead Acid Batteries	Visual Examination Checking dimensions as per manufactures drawing	Clause No. 4.1 to 4.9 & 8 of IS 15549:2005 +A1:2012 +A2:2014 +A3
28	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Assembly of cells into batteries	Clause no. 5.6 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 5.6 of IEC 62133-2

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29	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Assembly of cells into batteries	Clause No. 5.6 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 5.6 of IEC 62133-1
30	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Battery Internal Resistance	Clause No. 7.7 of IS 16047 (Part 3): 2018/ Clause No. 7.7 of IEC 61960-3
31	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Battery Safety components	Clause no. 5.8 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 5.8 of IEC 62133-2
32	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Case stress at high ambient temperature (batteries)	Clause no. 7.2.2 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 7.2.2 of IEC 62133-2
33	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Case stress at high ambient temperature (batteries)	Clause No. 7.2.3 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 7.2.3 of IEC 62133-1
34	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Cell designation and marking	Clause No. 5 of IS 16047 (Part 3): 2018/ Clause No. 5 of IEC 61960-3
35	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Charge (Capacity) Recovery After Long Term Storage	Clause No. 7.5 of IS 16047 (Part 3): 2018/ Clause No. 7.5 of IEC 61960-3
36	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Charge (Capacity) retention and recovery	Clause No. 7.4 of IS 16047 (Part 3): 2018/ Clause No. 7.4 of IEC 61960-3
37	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Charging of Cells/Batteries	Clause No. 7.1 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 7.1 of IEC 62133-1
38	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Charging of Cells/Batteries	Clause no. 7.1 of IS 16046 (Part 2): 2018 +A1:2020/ Clause no. 7.1 of IEC 62133-2
39	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Charging of Cells/Batteries	Clause No. 7.2 of IS 16047 (Part 3): 2018/ Clause No. 7.2 of IEC 61960-3
40	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Continuous low-rate charging (Cells)	Clause No. 7.2.1 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 7.2.1 of IEC 62133-1
41	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Crush (cells)	Clause no. 7.3.5 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 7.3.5 of IEC 62133-2

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42	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Crushing of cells	Clause No. 7.3.6 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 7.3.6 of IEC 62133-1
43	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Design Evaluation - Forced internal short-circuited (Cells)	Clause no. 7.3.9 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 7.3.9 of IEC 62133-2
44	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Discharge Performance at 20°C	Clause No. 7.3.1 of IS 16047 (Part 3): 2018/ Clause No. 7.3.1 of IEC 61960-3
45	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Discharge Performance at -20°C	Clause No. 7.3.2 of IS 16047 (Part 3): 2018/ Clause No. 7.3.2 of IEC 61960-3
46	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Electrical Tests	Clause No.7 of IS 16047 (Part 3): 2018/ Clause No. 7 of IEC 61960-3
47	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Endurance in cycles	Clause No. 7.6 of IS 16047 (Part 3): 2018/ Clause No. 7.6 of IEC 61960-3
48	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	External short circuit	Clause no. 7.3.2 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 7.3.2 of IEC 62133-1
49	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	External short circuit (Battery)	Clause no. 7.3.2 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 7.3.2 of IEC 62133-2
50	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Forced discharge (Cells)	Clause no. 7.3.7 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 7.3.7 of IEC 62133-2
51	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Forced discharge (Cells)	Clause no. 7.3.9 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 7.3.9 of IEC 62133-1
52	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Free fall	Clause no. 7.3.3 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 7.3.3 of IEC 62133-1
53	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Free fall	Clause no. 7.3.3 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 7.3.3 of IEC 62133-2
54	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	General (Inspection)	Clause No. 7.1 of IS 16047 (Part 3): 2018/ Clause No. 7.1 of IEC 61960-3
55	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	General safety considerations	Clause no. 5.1 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 5.1 of IEC 62133-1

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56	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	General safety considerations	Clause no. 5.1 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 5.1 of IEC 62133-2
57	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	High Rate Discharge Performance at 20°C	Clause No. 7.3.3 of IS 16047 (Part 3): 2018/ Clause No. 7.3.3 of IEC 61960-3
58	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Incorrect installation (cells)	Clause no. 7.3.1 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 7.3.1 of IEC 62133-1
59	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Information for safety	Clause no. 8 of IS 16046 (Part 1) :2018+A1: 2020/ Clause no. 8 of IEC 62133-1
60	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Information for safety	Clause no. 8 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 8 of IEC 62133-2
61	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Insulation and wiring	Clause no. 5.2 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 5.2 of IEC 62133-1
62	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Insulation and wiring	Clause no. 5.2 of IS 16046 (Part 2): 2018+A1: 2020/ Clause no. 5.2 of IEC 62133-2
63	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Intended Use- Continuous charging at constant voltage (Cells)	Clause no. 7.2.1 of IS 16046 (Part 2): 2018+A1: 2020/Clause no. 7.2.1 of IEC 62133-2
64	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Low pressure (Cells)	Clause No. 7.3.7 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 7.3.7 of IEC 62133-1
65	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Marking	Clause no. 9 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 9 of IEC 62133-1
66	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Marking	Clause no. 9 of IS 16046 (Part 2): 2018+A1: 2020/Clause no. 9 of IEC 62133-2
67	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Measurement of the internal AC resistance	Clause No. 7.7.2 of IS 16047 (Part 3): 2018/ Clause No. 7.7.2 of IEC 61960-3
68	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Measurement of the internal DC resistance	Clause No. 7.7.3 of IS 16047 (Part 3): 2018/ Clause No. 7.7.3 of IEC 61960-3

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69	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Mechanical shock	Clause no. 7.3.8.2 of IS 16046 (Part 2): 2018 +A1: 2020/ Clause no. 7.3.8.2 of IEC 62133-2
70	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Mechanical shock (crash hazard)	Clause no. 7.3.4 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 7.3.4 of IEC 62133-1
71	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Mechanical Tests (Batteries)- Vibration	Clause no. 7.3.8.1 of IS 16046 (Part 2): 2018+ A1: 2020/ Clause no. 7.3.8.1 of IEC 62133-2
72	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Overcharge	Clause no. 7.3.8 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 7.3.8 of IEC 62133-1
73	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Overcharging of Battery	Clause no. 7.3.6 of IS 16046 (Part 2): 2018 +A1: 2020/ Clause no. 7.3.6 of IEC 62133-2
74	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Reasonably foreseeable misuse- External short circuit (Cell)	Clause no. 7.3.1 of IS 16046 (Part 2): 2018+ A1:2020/ Clause no. 7.3.1 of IEC 62133-2
75	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Temperature cycling	Clause No. 7.2.4 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 7.2.4 of IEC 62133-1
76	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Temperature, voltage and current management	Clause No. 5.4 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 5.4 of IEC 62133-1
77	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Temperature, voltage and current management	Clause no. 5.4 of IS 16046 (Part 2): 2018 +A1:2020/ Clause no. 5.4 of IEC 62133-2
78	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Terminal contacts	Clause No. 5.5 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 5.5 of IEC 62133-1
79	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Terminal contacts	Clause no. 5.5 of IS 16046 (Part 2): 2018 +A1:2020/ Clause no. 5.5 of IEC 62133-2
80	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing alkaline or Other Non-Acid Electrolytes	Test protocol and conditions for type approval	Clause No. 8 of IS 16047 (Part 3): 2018/ Clause No. 8 of IEC 61960-3
81	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Thermal abuse (cells)	Clause no. 7.3.4 of IS 16046 (Part 2): 2018 +A1:2020/ Clause no. 7.3.4 of IEC 62133-2

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82	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Thermal abuse (Cells)	Clause No. 7.3.5 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 7.3.5 of IEC 62133-1
83	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Venting	Clause no. 5.3 of IS 16046 (Part 1): 2018+A1: 2020/ Clause no. 5.3 of IEC 62133-1
84	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Venting	Clause no. 5.3 of IS 16046 (Part 2): 2018 +A1:2020/ Clause no. 5.3 of IEC 62133-2
85	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes	Vibration	Clause No. 7.2.2 of IS 16046 (Part 1): 2018+A1: 2020/ Clause No. 7.2.2 of IEC 62133-1
86	ELECTRICAL- CELLS & BATTERIES	Secondary cells and batteries for renewable energy storage	C10 Capacity & Voltage During Discharge	Clause No. 8.1 of IEC 61427-1
87	ELECTRICAL- CELLS & BATTERIES	Secondary cells and batteries for renewable energy storage	C120 Capacity	Clause No. 8.1 of IEC 61427-1
88	ELECTRICAL- CELLS & BATTERIES	Secondary cells and batteries for renewable energy storage	Charge Retention Test	Clause No. 8.3 of IEC 61427-1: 2013/ Clause No. 8.3 of IS 16270
89	ELECTRICAL- CELLS & BATTERIES	Secondary cells and batteries for renewable energy storage	Cycling Endurance Test in Photovoltaic application (Extreme condition)	Clause No. 8.4 of IEC 61427-1
90	ELECTRICAL- CELLS & BATTERIES	Secondary cells and batteries for renewable energy storage	Endurance Test	Clause No. 8.2 of IEC 61427-1: 2013/ Clause No. 8.2 of IS 16270
91	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Capacity Test	Clause No. 8.1 of IS 16270
92	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Cycle Endurance in Photovoltaic Application (Extreme Conditions)	Clause 8.4 of IS 16270
93	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Abusive Over-discharge	Clause 6.17, IEC 60896-22: 2004 & IEC 60896-21
94	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Capacity	Clause No. 7 & 14 of IEC 60896-11
95	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Charge Retention	Clause No. 10 & 18 of IEC 60896-11
96	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Discharge Capacity (Rate: C10, C8, C3, C1, C0.25)	Clause No. 6.11, IEC 60896-22: 2004 & IEC 60896-21

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97	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Endurance in Discharge Cycle	Clause No. 9.1 & 16 of IEC 60896-11
98	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Endurance in Overcharge	Clause No. 9.2 & 17 of IEC 60896-11
99	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Float Service with Daily Discharge	Clause No. 6.13, IEC 60896-22 & IEC 60896-21
100	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Recharge Behaviour	Clause No. 6.14, IEC 60896-22: 2004 & IEC 60896-21
101	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries	Test of suitability for floating battery operation	Clause No. 8 & 15 of IEC 60896-11
102	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Enclosure for Electrical Equipments	First Characteristic Numeral 0	Clause No. 12.2, 13.2 of IS/ IEC 60529
103	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Enclosure for Electrical Equipments	First Characteristic Numeral 1	Clause No. 12.2, 13.2 of IS/ IEC 60529
104	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Enclosure for Electrical Equipments	First Characteristic Numeral 2	Clause No. 12.2, 13.2 of IS/ IEC 60529
105	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Enclosure for Electrical Equipments	First Characteristic Numeral 3	Clause No. 12.2, 13.2 of IS/ IEC 60529
106	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Enclosure for Electrical Equipments	Verification of Marking	Clause No. 10 of IS/ IEC 60529
107	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental testing of Electronic and Electrical items	Dry Heat test (Section 1 General)	Part III/Sec 1 of IS 9000
108	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing of Telecommunication Equipment	Damp heat (Steady State)	Test no. 5 Section 3 of QM-333
109	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing of Telecommunication Equipment	High temperature Test (Dry Heat Cycle)	Test no. 2 Section 3 of QM-333
110	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing of Telecommunication Equipment	Low temperature Test (Cold Cycle)	Test no. 1 Section 3 of QM-333
111	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing of Telecommunication Equipment	Rapid Temperature Cycle Test	Test no. 4 Section 3 of QM-333

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112	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Telecommunication Equipment	Tropical Exposure Test (Damp Heat Cycle)	Test no. 3 Section 3 of QM-333
113	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Environmental Testing of Telecommunication Equipment	Vibration Test	Test no. 6 Section 3 of QM-333
114	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	A.C. and D.C. Power isolation	Clause No. 5.4 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 5.4 of "Withdrawn" IEC 62040-1
115	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Abnormal operating and fault conditions	Clause No. 8.3 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 8.3 of "Withdrawn" IEC 62040-1
116	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Battery location	Clause no. 7.6 of IS 16242 (Part 1): 2014+A1 :2018/ Clause no. 7.6 of "Withdrawn" IEC 62040-1
117	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Clearances, Creepage and distances through insulation	Clause No. 5.7 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 5.7 of "Withdrawn" IEC 62040-1
118	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Components	Clause No. 4.5 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 4.5 of "Withdrawn" IEC 62040-1
119	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Connection to telecommunication Networks	Clause No. 9 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 9 of "Withdrawn" IEC 62040-1
120	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Construction	Clause No. 7.4 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 7.4 of "Withdrawn" IEC 62040-1
121	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Electric requirements and simulated abnormal conditions - General provisions for earth leakage	Clause No. 8.1 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 8.1 of "Withdrawn" IEC 62040-1
122	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Electric strength	Clause No. 8.2 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 8.2 of "Withdrawn" IEC 62040-1

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123	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Markings and instructions	Clause No. 4.7 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 4.7 of "Withdrawn" IEC 62040-1
124	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Mechanical Strength	Clause No. 7.3 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 7.3 of "Withdrawn" IEC 62040-1
125	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Overcurrent and earth fault protection	Clause No. 5.5 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 5.5 of "Withdrawn" IEC 62040-1
126	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Physical requirements	Clause No. 7.1 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 7.1 of "Withdrawn" IEC 62040-1
127	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Power Interfaces	Clause No. 4.6 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 4.6 of "Withdrawn" IEC 62040-1
128	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Protection against electric shock and energy hazards	Clause No. 5.1 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 5.1 of "Withdrawn" IEC 62040-1
129	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Protection of personnel-Safety interlocks	Clause No. 5.6 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 5.6 of "Withdrawn" IEC 62040-1
130	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Protective earthing and bonding	Clause No. 5.3 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 5.3 of "Withdrawn" IEC 62040-1
131	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Requirements for auxiliary circuits	Clause No. 5.2 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 5.2 of "Withdrawn" IEC 62040-1
132	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Resistance to fire	Clause No. 7.5 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 7.5 of "Withdrawn" IEC 62040-1
133	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	SELV Circuits	Clause No. 5.2.1 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 5.2.1 of "Withdrawn" IEC 62040-1

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134	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Stability	Clause No. 7.2 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 7.2 of "Withdrawn" IEC 62040-1
135	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Temperature rise	Clause No. 7.7 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 7.7 of "Withdrawn" IEC 62040-1
136	ELECTRICAL- SAFETY TESTING FACILITY	Uninterruptible Power Systems (UPS)	Wiring, connections and supply	Clause No. 6 of IS 16242 (Part 1): 2014+A1 :2018/ Clause No. 6 of "Withdrawn" IEC 62040-1
137	ELECTRONICS- IT EQUIPMENT	Color Television	Energy efficiency test	BEE Schedule no. 11
138	ELECTRONICS- IT EQUIPMENT	General Purpose DOT matrix Printer	Dielectric Strength	Clause No. 4.5.2 of IS 14486: 1997 +A1
139	ELECTRONICS- IT EQUIPMENT	General Purpose DOT matrix Printer	Drop Test	Clause No. 4.9.2 & 4.10.2 of IS 14486: 1997+A1
140	ELECTRONICS- IT EQUIPMENT	General Purpose DOT matrix Printer	Durability of marking	Clause No. 6 of IS 14486:1997 +A1
141	ELECTRONICS- IT EQUIPMENT	General Purpose DOT matrix Printer	Earth Leakage Current	Clause No. 4.5.1 of IS 14486: 1997+A1
142	ELECTRONICS- IT EQUIPMENT	General Purpose DOT matrix Printer	Vibration Test	Clause No. 4.9.1 of IS 14486: 1997+A1
143	ELECTRONICS- IT EQUIPMENT	Laptop/ Notebook Computers	Energy efficiency test	BEE Schedule no. 14
144	ELECTRONICS- IT EQUIPMENT	Mobile Phone Handset	Mobile Emergency Support-GPS Location (Notification of GOI Gazette Notification No. G.S.R. No. 1441 (E) dated 23-11-2017)	TEC: ER No.:TEC47722002 G.S.R. No. 1441 (E)
145	ELECTRONICS- IT EQUIPMENT	Mobile Phone Handset	Mobile Emergency Support-Panic button (Notification of GOI Gazette Notification No. G.S.R. No. 436 (E) dated 23-11-2017)	TEC: ER No.TEC47722002 G.S.R. No. 436 (E)
146	ELECTRONICS- IT EQUIPMENT	Mobile Phone Handset	Single Emergency Number 112 Department of Telecom no. 16-04/2015-AS-III/NP/67/120 Dated 04 May 2016	TEC: ER No.: TEC47722002 Department of Telecom no. 16-04/2015-AS-III/NP/67/120
147	ELECTRONICS- IT EQUIPMENT	Mobile Phone Handsets	Indian Language supportable test/ Marking requirements on Mobile phone	Clause 1, 2, 3, 4, 5, 6, Annex A, B & C of IS 16333 (Part 3)

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148	ELECTRONICS- IT EQUIPMENT	Office Equipment's (Printers, Scanners, Copiers, Fax Machines and Multi Function Devices)	Energy efficiency test	BEE Schedule no. 16
149	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Accessible Parts Including Applied Parts	Clause No. 8.4.2 of IS 13450 (Part 1)
150	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Ball Pressure	Clause No. 8.8.4.1 of IS 13450 (Part 1)
151	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Cord Anchorage	Clause No. 8.11.3.5 of IS 13450 (Part 1)
152	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Cord-Connected Hand-Held And Foot-Operated Control Devices	Clause no. 15.4.7 of IS 13450 (Part 1)
153	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Creepage Distances And Air Clearances	Clause No. 8.9 of IS 13450 (Part 1)
154	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Determination of applied parts and accessible parts	Clause No. 5.9 of IS 13450 (Part 1)
155	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Dielectric Strength	Clause No. 8.8.3 & 15.5.2 of IS 13450 (Part 1)
156	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Excessive Temperatures in ME Equipment	Clause No. 11.1 of IS 13450 (Part 1)
157	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Hazardous Situations And Fault Conditions	Clause No. 13 of IS 13450 (Part 1)
158	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Humidity Preconditioning Treatment	Clause No. 5.7 of IS 13450 (Part 1)
159	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Impedance And Current-Carrying Capability	Clause no. 8.6.4 of IS 13450 (Part 1)
160	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Leakage Currents	Clause no. 16.6 of IS 13450 (Part 1)
161	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Limitations of Voltage, Current And Energy	Clause No. 8.4 of IS 13450 (Part 1)
162	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	ME Equipment Identification, Marking And Documents	Clause No. 7.0 of IS 13450 (Part 1)
163	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Mechanical Strength	Clause No. 15.3 of IS 13450 (Part 1)
164	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Mould stress relief test	Clause No. 15.3.6 of IS 13450 (Part 1)
165	ELECTRONICS- MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical Equipment	Power Input	Clause No. 4.11 of IS 13450 (Part 1)

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166	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Impulse Test (1.2/50us)	Clause No. 13.3.4, Annex K of IS 616: 2017/ Clause No. 13.3.4, Annex K of IEC 60065
167	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Impulse Tester (10/700us)	Clause No. 13.3.4, Annex K of IS 616: 2017/ Clause No. 13.3.4, Annex K of IEC 60065
168	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Additional requirements for apparatus with protection against splashing water	Annex A of IS 616: 2017/ Annex A of IEC 60065
169	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Antenna coaxial sockets mounted on apparatus	Clause no. 12.5 of IS 616: 2017/ Clause no. 12.5 of IEC 60065
170	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Apparatus containing coin/button cell batteries	Clause no. 12.7 of IS 616: 2017/ Clause no. 12.7 of IEC 60065
171	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Clearances & Creepage Distances	Clause no. 13.3 & 13.4 of IS 616: 2017/ Clause no. 13.3 & 13.4 of IEC 60065
172	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Components	Clause no. 14 of IS 616: 2017/ Clause no. 14 of IEC 60065
173	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Constructional requirements with regard to the protection against electric shock	Clause no. 8.10 of IS 616:2017/ Clause no. 8.10 of IEC 60065
174	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Constructional requirements with regard to the protection against electric shock	Clause no. 8.11 of IS 616:2017/Clause no. 8.11 of IEC 60065
175	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Constructional requirements with regard to the protection against electric shock	Clause no. 8.18 of IS 616:2017/ Clause no. 8.18 of IEC 60065
176	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Constructional requirements with regard to the protection against electric shock	Clause no. 8.3 of IS 616:2017/Clause no. 8.3 of IEC 60065
177	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Constructional requirements with regard to the protection against electric shock	Clause no. 8.6 of IS 616:2017/ Clause no. 8.6 of IEC 60065
178	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Constructional requirements with regard to the protection against electric shock	Clause no. 8.8 of IS 616: 2017/Clause no. 8.8 of IEC 60065
179	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Constructional requirements with regard to the protection against electric shock	Clause no.8.9 of IS 616: 2017/ Clause no.8.9 of IEC 60065

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180	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Determination of Accessible parts	Clause No. 9.1.1.3 of IS 616: 2017/Clause No. 9.1.1.3 of IEC 60065
181	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Determination of hazardous live parts	Clause No. 9.1.1.2 of IS 616: 2017/ Clause No. 9.1.1.2 of IEC 60065
182	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Determination of Hazardous live parts	Clause no. 9.1.1.2 of IS 616: 2017/ Clause no. 9.1.1.1 of IEC 60065
183	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Determination of Working Voltage	Clause no. 13.2 of IS 616: 2017/ Clause no. 13.2 of IEC 60065
184	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Devices forming a part of the mains plug (Mechanical Strength)	Clause no. 15.4 of IS 616: 2017/ Clause no. 15.4 of IEC 60065
185	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Drawers	Clause no. 12.4 of IS 616: 2017/ Clause no. 12.4 of IEC 60065
186	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Drop Test	Clause no. 12.1.5 of IS 616: 2017/ Clause no. 12.1.5 of IEC 60065
187	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Durability & Marking Test	Clause No. 5.0 of IS 616: 2017/ Clause No. 5.0 of IEC 60065
188	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Electric Shock Hazard	Clause no. 11.1 of IS 616: 2017/ Clause no. 11.1 of IEC 60065
189	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Electrical Connections and Mechanical Fixings	Clause no. 17.1, 17.2, 17.3 of IS 616: 2017/ Clause no. 17.1, 17.2, 17.3 of IEC 60065
190	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Electrical connections and mechanical fixings	Clause no. 17.7, 17.8 & 17.9 of IS 616: 2017/ Clause no. 17.7, 17.8 & 17.9 of IEC 60065
191	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	External Flexible cords	Clause no. 16.2, 16.3 and 16.4 of IS 616: 2017/ Clause no. 16.2, 16.3 and 16.4 of IEC 60065
192	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	External Forces windows & covers	Clause No. 8.12, 8.13 & 8.14 of IS 616: 2017/Clause No. 8.12, 8.13 & 8.14 of IEC 60065
193	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Fixing of actuating elements	Clause no. 12.2 of IS 616: 2017/Clause no. 12.2 of IEC 60065

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194	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Flammability Test methods	Annex G of IS 616: 2017/ Annex G of IEC 60065
195	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Heating	Clause No. 11.2 of IS 616: 2017/ Clause No. 11.2 of IEC 60065
196	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Heating Under Normal Operating Conditions	Clause No. 7.1 of IS 616: 2017/ Clause No. 7.1 of IEC 60065
197	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Horizontal Force Test	Clause no.19.4 of IS 616: 2017/ Clause no.19.4 of IEC 60065
198	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Impact Test	Clause no. 12.1.4 of IS 616: 2017/ Clause no. 12.1.4 of IEC 60065
199	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Insulation resistance and dielectric strength	Clause No. 10.4 of IS 616: 2017/ Clause No. 10.4 of IEC 60065
200	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Mandrel Test	Clause No. 8.21 of IS 616: 2017/ Clause No. 8.21 of IEC 60065
201	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Protection against Electric Shock- Terminals	Clause No. 9.1.4, 9.1.5 of IS 616: 2017/ Clause No. 9.1.4, 9.1.5 of IEC 60065
202	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Remote Control devices held in hand	Clause No. 12.3 of IS 616: 2017/ Clause No. 12.3 of IEC 60065
203	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Removal of protective covers	Clause no. 9.2 of IS 616: 2017/ Clause no. 9.2 of IEC 60065
204	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Resistance to external forces	Clause No. 9.1.7 of IS 616: 2017/Clause No. 9.1.7 of IEC 60065
205	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video and Similar Electronic Apparatus	Resistance to Fire (Glow Wire)	Clause No. 20 of IS 616: 2017/ Clause No. 20 of IEC 60065
206	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Shafts of operating knobs, handles, levers & the like	Clause no. 9.1.2 of IS 616: 2017/ Clause no. 9.1.2 of IEC 60065
207	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Stability and Mechanical Hazards	Clause No. 19.2 of IS 616: 2017/ Clause No. 19.2 of IEC 60065
208	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Stability requirements	Clause no. 19.1, 19.5 & 19.6 of IS 616: 2017/ Clause no. 19.1, 19.5 & 19.6 of IEC 60065

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209	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Stress Relief Test	Clause no. 12.1.6 of IS 616: 2017/ Clause no. 12.1.6 of IEC 60065
210	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Surge test	Clause No. 10.2 of IS 616: 2017/ Clause No. 10.2 of IEC 60065
211	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Telescoping or rod antennas	Clause no. 12.6 of IS 616: 2017/ Clause no. 12.6 of IEC 60065
212	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Terminals	Clause No. 15.3 of IS 616: 2017/ Clause No. 15.3 of IEC 60065
213	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Test equipment for tracking index	Clause no. 13.4 of IS 616: 2017/ Clause no. 13.4 of IEC 60065
214	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Vertical Force Test	Clause no.19.3 of IS 616: 2017/ Clause no.19.3 of IEC 60065
215	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Vibration test	Clause no. 12.1.3 of IS 616: 2017/ Clause no. 12.1.3 of IEC 60065
216	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Wall or Ceiling or Equipment Rack Mounting Test	Clause no.19.7 of IS 616: 2017/ Clause no.19.7 of IEC 60065
217	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus	Withdrawal of mains plug	Clause no. 9.1.6 of IS 616: 2017/ Clause no. 9.1.6 of IEC 60065
218	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus -	Provision for Protective earthing	Clause No. 15.2 of IS 616: 2017/ Clause No. 15.2 of IEC 60065
219	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus .	Humidity Conditioning	Clause no. 10.3 of IS 616: 2017/ Clause no. 10.3 of IEC 60065
220	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus.	Heat resistance of insulating material	Clause No. 7.2 of IS 616: 2017/ Clause No. 7.2 of IEC 60065
221	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus.	Input Power	Clause No. 4.2 of IS 616: 2017/ Clause No. 4.2 of IEC 60065
222	ELECTRONICS- SAFETY TESTING FACILITY	Audio, Video And Similar Electronic Apparatus.	Protection against Electric Shock- Opening in enclosure	Clause No. 9.1.3 of IS 616: 2017/ Clause No. 9.1.3 of IEC 60065
223	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Abnormal operating and single fault condition tests	Annex B of IEC 62368-1

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224	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Antenna terminal insulation	Clause No. 5.4.5, 5.4.5.2, 5.4.5.3, 5.5.8 of IEC 62368-1
225	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Carts, stands, and similar carriers	Clause No. 8.10 of IEC 62368-1
226	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Circuits intended for interconnection with building wiring	Annex Q of IEC 62368-1
227	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Classification and limits of electrical energy sources	Clause No. 5.2 of IEC 62368-1
228	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Clearances	Clause No. 5.4.2 of IEC 62368-1
229	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Comparison of terms introduced in this document	Annex W of IEC 62368-1
230	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Components as safeguards	Clause No. 5.5 of IEC 62368-1
231	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Creepage distances	Clause No.: 5.4.3 of IEC 62368-1
232	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Criteria for telephone ringing signals, Overvoltage categories, insulated winding wires for use without interleaved insulation, Safety interlocks, disconnect devices	Annex H, I, J, K & L of IEC 62368-1
233	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Determination of accessible parts	Annex V of IEC 62368-1
234	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Determination of working voltage	Clause No. 5.4.1.8 of IEC 62368-1
235	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Drop Test	Clause 4.4.3.3, Annex T.7 of IEC 62368-1
236	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Electric Strength Test	Clause No.: 5.4.9 of IEC 62368-1
237	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Electrically-caused fire	Clause No. 6 of IEC 62368-1
238	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Electrically-caused injury	Clause no. 5.0 of IEC 62368-1
239	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Electrochemical potentials, measurements of Creepage distances and clearances & Safeguards against conductive parts	Annex N, O & P of IEC 62368-1

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240	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Energy Source Classifications	Clause No. 4.2 of IEC 62368-1
241	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Equipment containing batteries and their protection circuits	Annex M of IEC 62368-1
242	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Equipment containing coin/button cell batteries	Clause no. 4.8 of IEC 62368-1
243	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Equipment for direct insertion into mains socket outlets	Clause No. 4.7 of IEC 62368-1
244	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Equipment markings, instructions, and instructional safeguards	Annex F of IEC 62368-1
245	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Equipment mounted to a wall, ceiling or other structure	Clause No. 8.7 of IEC 62368-1
246	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Examples of equipment within the scope of this document	Annex A of IEC 62368-1
247	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Explosion	Clause no. 4.5 of IEC 62368-1
248	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Fixing of Conductors	Clause no. 4.6 of IEC 62368-1
249	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	General (Inspection)	Clause No. 4.1 of IEC 62368-1
250	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Handle Strength	Clause No. 8.8 of IEC 62368-1
251	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Humidity Conditioning	Clause No. 5.4.8 of IEC 62368-1
252	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Impact tests	Clause no. 4.4.3.4, Annex T.6 of IEC 62368-1
253	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Injury caused by hazardous substances	Clause No. 7 of IEC 62368-1
254	ELECTRONICS- SAFETY TESTING FACILITY	Audio/video, information and communication technology equipment	Input Test	Annex B.2.5 of IEC 62368-1
255	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Insulating surfaces (Clearance & Creepage Distance)	Clause No. 5.4.1.9 of IEC 62368-1
256	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Insulation in circuits generating starting pulses	Clause No. 5.4.1.7 of IEC 62368-1
257	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Insulation in transformers with varying dimensions	Clause No. 5.4.1.6 of IEC 62368-1

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258	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Insulation Materials and requirements	Clause No. 5.4 of IEC 62368-1
259	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Insulation of internal wire as a part of a supplementary safeguard & test for semiconductor components and for cemented joints	Clause No. 5.4.6 & 5.4.7 of IEC 62368-1
260	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Limited short-circuit Test	Annex R of IEC 62368-1
261	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Maximum operating temperatures for materials, components and systems	Clause No. 5.4.1.4 of IEC 62368-1
262	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Mechanical Energy source classification	Clause No. 8.2 of IEC 62368-1
263	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Mechanical strength of CRTs and protection against the effects of implosion	Annex U of IEC 62368-1
264	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Mechanical Strength Tests	Annex T of IEC 62368-1
265	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Mechanically-caused injury, General	Clause No. 8, 8.1 of IEC 62368-1
266	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Mounting means for Slide-rail mounted equipment	Clause no. 8.11 of IEC 62368-1
267	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Properties of insulating material	Clause No. 5.4.1.2 of IEC 62368-1
268	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Prospective touch voltage, touch current and Protective Conductor current	Clause No. 5.7 of IEC 62368-1
269	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Protection against electrical energy sources	Clause No. 5.3 of IEC 62368-1
270	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Protection Against Energy Sources	Clause No. 4.3 of IEC 62368-1
271	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Protective Conductor	Clause No. 5.6 of IEC 62368-1
272	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Safeguards	Clause No. 4.4 of IEC 62368-1
273	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Safeguards against mechanical energy sources	Clause No. 8.3 of IEC 62368-1
274	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Safeguards against moving parts	Clause No. 8.5 of IEC 62368-1

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275	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Safeguards against parts with sharp edges and corners	Clause No. 8.4 of IEC 62368-1
276	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Safeguards against transient voltages from external circuits	Clause No. 5.4.10 of IEC 62368-1
277	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Separation between external circuits and earth	Clause No. 5.4.11 of IEC 62368-1
278	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Solid insulation	Clause No. 5.4.4 of IEC 62368-1
279	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Stability of equipment	Clause No. 8.6 of IEC 62368-1
280	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Steady force tests	Clause No. 4.4.3.2, Annex T.2, T.3, T.4 & T.5 of IEC 62368-1
281	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Stress Relief Test	Clause no. 4.4.3.8, 4.8.4.2 Annex T.8 of IEC 62368-1
282	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Telescoping or rod antennas	Clause No.: 8.12, Annex T.11 of IEC 62368-1
283	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Tests for resistance to heat and fire	Annex S of IEC 62368-1
284	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Thermal Burn Injury	Clause No. 9 of IEC 62368-1
285	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Thermoplastic parts on which conductive metallic parts are directly mounted	Clause No. 5.4.1.10 of IEC 62368-1
286	ELECTRONICS- SAFETY TESTING FACILITY	Audio/Video, information and communication technology equipment	Wheels or casters attachment requirements	Clause no.: 8.9 of IEC 62368-1
287	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Clearances and creepage distances	Clause No. 18 of IS 15644:2006/ Clause No. 18 of "Withdrawn" IEC 62115
288	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Components (Inspection)	Clause No. 16 of IS 15644:2006/ Clause No. 16 of "Withdrawn" IEC 62115
289	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Construction	Clause No. 14 of IS 15644:2006/ Clause No. 14 of "Withdrawn" IEC 62115
290	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Electric strength at operating temperature	Clause No. 10 of IS 15644:2006/ Clause No. 10 of "Withdrawn" IEC 62115
291	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Electric strength at Room temperature	Clause No. 12 of IS 15644:2006/ Clause No. 12 of "Withdrawn" IEC 62115

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292	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Heating and abnormal operation	Clause no. 9 of IS 15644:2006/ Clause no. 9 of "Withdrawn" IEC 62115
293	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Marking and Instructions	Clause No. 7 of IS 15644:2006/ Clause No. 7 of "Withdrawn" IEC 62115
294	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Moisture resistance	Clause No. 11 of IS 15644:2006/ Clause No. 11 of "Withdrawn" IEC 62115
295	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Power Input	Clause no. 8 of IS 15644:2006/ Clause no. 8 of "Withdrawn" IEC 62115
296	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Protection of cords and wires	Clause No. 15 of IS 15644:2006/ Clause No. 15 of "Withdrawn" IEC 62115
297	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Radiation, Toxicity and similar hazards	Clause no. 20 of IS 15644:2006/ Clause no. 20 of "Withdrawn" IEC 62115
298	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Resistance to heat and fire	Clause No. 19 of IS 15644:2006/ Clause No. 19 of "Withdrawn" IEC 62115
299	ELECTRONICS- SAFETY TESTING FACILITY	Electric Toys	Screws and connections	Clause No. 17 of IS 15644:2006/ Clause No. 17 of "Withdrawn" IEC 62115
300	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Cord anchorage test	Clause no. 6.10.2.2 of IEC 61010-1: 2010+A1
301	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Plugs & Connectors (Capacitor discharge test)	Clause No. 6.10.3 of IEC 61010-1: 2010+A1
302	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Ball Pressure Test	Clause No. 10.5.3 of IEC 61010-1: 2010+A1
303	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Clearance & Creepage distances	Clause No.: 6.7.2.1 & 6.7.3.2, 6.7.3.3 of IEC 61010-1: 2010+A1
304	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Cord entry test	Clause no. 6.10.2.1 of IEC 61010-1: 2010+A1
305	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Determination of Accessible parts	Clause No. 6.2 of IEC 61010-1: 2010+A1
306	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Drop Test	Clause No. 8.3 of IEC 61010-1: 2010+A1

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307	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Durability of markings	Clause No. 5.3 of IEC 61010-1: 2010+A1
308	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Equipment temperature limits and resistance to heat	Clause No. 10.1-10.4 of IEC 61010-1: 2010+A1
309	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Humidity conditioning test	Clause No. 6.8.2 of IEC 61010-1: 2010+A1
310	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Impact Test	Clause No. 8.2.2 of IEC 61010-1: 2010+A1
311	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Limited Energy Circuit measurements	Clause no. 9.4 of IEC 61010-1: 2010+A1
312	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Mains Supply	Clause No. 5.1.3 of IEC 61010-1: 2010+A1
313	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Non-metallic enclosures	Clause no. 10.5.2 of IEC 61010-1: 2010+A1
314	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Protective Bonding	Clause no. 6.5.2 of IEC 61010-1: 2010+A1
315	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Single fault test	Clause No.: 4.4.4 of IEC 61010-1: 2010+A1
316	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Stability test	Clause No. 7.4 of IEC 61010-1: 2010+A1
317	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Test equipment for tracking index (CTI)	Clause No. 6.7.1.3 of IEC 61010-1: 2010+A1
318	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment for measurement, control and laboratory use	Touch Current	Clause No. 6.1.1 & 6.3 of IEC 61010-1: 2010+A1
319	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Abnormal Operation	Clause No. 19 of IS 302 (Part 2/Section 6)
320	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Abnormal Operation or Fault Condition	Clause no. 19 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
321	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Clearances, Creepage Distances And Solid Insulation	Clause No. 29 of IS 302 (Part 2/ Section 6)
322	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Clearances, Creepage Distances And Solid Insulation	Clause no.: 29 of IS 302 (Part 1):2008 +A1:2009 +A2:2013 +A3:2014 +A4
323	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Components (Inspection)	Clause No. 24 of IS 302 (Part 2/ Section 6)
324	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Construction	Clause No. 22 of IS 302 (Part 1):2008 +A1:2009 +A2:2013 +A3:2014 +A4

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325	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Construction	Clause No. 22 of IS 302 (Part 2/Section 6)
326	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Heating	Clause No. 11 of IS 302 (Part 2/ Section 6)
327	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Heating	Clause no. 11, 17 & 19 of IS 302 (Part 1):2008 +A1:2009 +A2:2013 +A3:2014 +A4
328	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Ingress Protection (First Numerical)	Clause No. 22.1 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
329	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Ingress Protection (First Numerical)	Clause No. 22.1 of IS 302 (Part 2/ Section 6)
330	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Internal Wiring	Clause no. 23 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
331	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Internal Wiring	Clause No. 23 of IS 302 (Part 2/ Section 6)
332	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Leakage Current & Electric Strength at Operating Temperature	Clause no.13 of IS 302 (Part 2/ Section 6)
333	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Leakage Current And Electric Strength	Clause no. 16 of IS 302 (Part 1):2008 +A1:2009 +A2:2013 +A3:2014 +A4
334	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Leakage Current And Electric Strength	Clause No. 16 of IS 302 (Part 2/ Section 6)
335	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Leakage Current And Electrical Strength At Operating Temperature	Clause no. 13 of IS 302 (Part 1):2008 +A1:2009 +A2:2013 +A3:2014 +A4
336	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Marking & Instructions	Clause No. 7 of IS 302 (Part 2/ Section 6)
337	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Mechanical Strength	Clause No. 21 of IS 302 (Part 1):2008 +A1:2009 +A2:2013 +A3:2014 +A4
338	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Mechanical Strength	Clause No. 21 of IS 302 (Part 2/ Section 6)
339	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Moisture Resistance	Clause No. 15 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
340	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Moisture Resistance	Clause No. 15 of IS 302 (Part 2/ Section 6)

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341	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Overload Protection Of Transformers And Associated Circuits	Clause No. 17 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
342	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Overload Protection of Transformers and Associated Circuits	Clause No. 17 of IS 302 (Part 2/ Section 6)
343	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Plug Discharge	Clause No. 22.5 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
344	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Plug Discharge	Clause No. 22.5 of IS 302 (Part 2/ Section 6)
345	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Power Input & Current	Clause No. 10 of IS 302 (Part 2/ Section 6)
346	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Protection Against Access To Live Parts	Clause No. 8 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
347	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Protection Against Access to Live Parts	Clause No. 8 of IS 302 (Part 2/ Section 6)
348	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Provision For Earthing	Clause No. 27 of IS 302 (Part 2/ Section 6)
349	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Reliable Fixing of Removable Parts	Clause No. 22.11 of IS 302 (Part 2/ Section 6)
350	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Resistance To Heat and Fire	Clause No. 31 of IS 302 (Part 2/ Section 6)
351	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Screws & Connections	Clause No. 28 of IS 302 (Part 2/ Section 6)
352	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Screws And Connections	Clause no. 28 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
353	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Stability And Mechanical Hazards	Clause No. 20 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
354	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Stability And Mechanical Hazards	Clause No. 20 of IS 302 (Part 2/ Section 6)
355	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Starting Of Motor Operated Appliances	Clause No. 9 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
356	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Starting of Motor-Operated Appliances	Clause No. 9 of IS 302 (Part 2/ Section 6)

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357	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Supply Connections And External Flexible Cords	Clause No. 25 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
358	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Supply Connections And External Flexible Cords	Clause No. 25.14 of IS 302 (Part 2/ Section 6)
359	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Terminals For External Conductors	Clause No. 26 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
360	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Terminals For External Conductors	Clause No. 26 of IS 302 (Part 2/ Section 6)
361	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Test on Pins of Appliances	Clause No. 22.3 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
362	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Transient Overvoltages	Clause no. 14 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
363	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Transient Overvoltages	Clause No. 14 of IS 302 (Part 2/ Section 6)
364	ELECTRONICS- SAFETY TESTING FACILITY	Household & Similar Electrical Appliances	Verification of Marking	Clause No. 7 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
365	ELECTRONICS- SAFETY TESTING FACILITY	Household and Similar Electrical Appliances	Power Input And Current	Clause No. 10 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
366	ELECTRONICS- SAFETY TESTING FACILITY	Household and Similar Electrical Appliances	Provision For Earthing	Clause no. 27 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
367	ELECTRONICS- SAFETY TESTING FACILITY	Household and Similar Electrical Appliances	Reliable Fixing of Removable Parts	Clause No. 22.11 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
368	ELECTRONICS- SAFETY TESTING FACILITY	Household and Similar Electrical Appliances	Resistance To Heat And Fire	Clause No. 30 of IS 302 (Part 1): 2008 +A1:2009 +A2:2013 +A3:2014 +A4
369	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Abnormal operating and Fault Conditions	Clause No. 5.3 of IS 13252 (Part 1): 2010 +A1: 2013+ A2: 2015/ Clause No. 5.3 of IEC 60950-1:2005+A1: 2009+A2
370	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Clearances, Creepage Distances & Distances Through Insulation Clearances Creepage	Clause No. 2.10 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 2.10 of IEC 60950-1:2005+A1: 2009+A2

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371	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Components (Inspection)	Clause no. 1.5 of IS 13252 (Part 1):2010+A1: 2013+A2: 2015/ Clause no. 1.5 of IEC 60950-1:2005 +A1: 2009+A2
372	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Conditions for a fire enclosure	Clause No. 4.7.2 of IS 13252 (Part 1):2010+A1:2013 +A2: 2015/ Clause No. 4.7.2 of IEC 60950-1:2005 +A1:2009+A2
373	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Connection to cable distribution systems	Clause No. 7.0 of IS 13252 (Part 1):2010 +A1:2013 +A2:2015/Clause No. 7.0 of IEC 60950-1:2005 +A1:2009 +A2
374	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Connection to telecommunication networks	Clause No. 6.0 of IS 13252 (Part 1):2010 +A1:2013 +A2:2015/ Clause No. 6.0 of IEC 60950-1:2005 +A1:2009 +A2
375	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Connections To Mains Supply	Clause No. 3.2 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 3.2 of IEC 60950-1:2005+A1: 2009+A2
376	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Containers for liquids or gases	Clause No. 4.3.11 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.3.11 of IEC 60950-1:2005+A1: 2009+A2
377	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Direct Plug in Equipment (Mechanical Strength)	Clause No. 4.3.6 of IS 13252 (Part 1):2010+ A1:2013 +A2:2015/ Clause No. 4.3.6 of IEC 60950-1: 2005 + A1:2009 +A2
378	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Disconnections From The Mains Supply	Clause no. 3.4 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no. 3.4 of IEC 60950-1:2005+A1: 2009+A2
379	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Dust, Powders, Liquids & gases (Clearance & Creepage Distance)	Clause no. 4.3.10 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no. 4.3.10 of IEC 60950-1:2005+A1: 2009+A2
380	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Dust, Powders, Liquids & gases (Electric Strength Test)	Clause no. 4.3.10 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no. 4.3.10 of IEC 60950-1:2005+A1: 2009+A2

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381	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Electric strength	Clause No. 5.2 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 5.2 of IEC 60950-1:2005+A1: 2009+A2
382	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Electrical insulation	Clause no. 2.9 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no. 2.9 of IEC 60950-1:2005+A1: 2009+A2
383	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	High Pressure Lamps (Clearance & Creepage Distance)	Clause No. 4.2.9 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.2.9 of IEC 60950-1:2005+A1: 2009+A2
384	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	High Pressure Lamps (Electric Strength Test)	Clause No. 4.2.9 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.2.9 of IEC 60950-1:2005+A1: 2009+A2
385	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Household and home/office document/media shredder	Annex EE of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Annex EE of IEC 60950-1:2005+A1: 2009+A2
386	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Humidity Conditioning	Clause no. 2.9.2 of IS 13252 (Part 1):2010+A1:2013 +A2: 2015/ Clause no. 2.9.2 of IEC 60950-1:2005 +A1:2009+A2
387	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Impact & Drop Test	Clause No. 4.2.5 & 4.2.6 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.2.5 & 4.2.6 of IEC 60950-1:2005+A1: 2009+A2
388	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Impulse Test (1.2/50us)	Clause No. 1.5.7.2, 2.10.3.9 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 1.5.7.2, 2.10.3.9 of IEC 60950-1:2005+A1: 2009+A2
389	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Impulse Tester (10/700us)	Clause No. 1.5.7.3, 6.2.2.1, 2.10.3.9 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 1.5.7.3, 6.2.2.1, 2.10.3.9 of IEC 60950-1:2005+A1: 2009+A2
390	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Input Current	clause no. 1.6.2 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ clause no. 1.6.2 of IEC 60950-1:2005+A1: 2009+A2

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391	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Interconnection of Equipment	Clause No. 3.5 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 3.5 of IEC 60950-1:2005+A1: 2009+A2
392	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Limited Current Circuits	Clause no.2.4 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no.2.4 of IEC 60950-1:2005+A1: 2009+A2
393	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Limited Power Source	Clause No. 2.5 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 2.5 of IEC 60950-1:2005+A1: 2009+A2
394	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Mandrel test	Annex AA of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Annex AA of IEC 60950-1:2005+A1: 2009+A2
395	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Marking and Instructions	Clause No. 1.7 to 1.7.14 of IS 13252 (Part 1):2010 +A1:2013 +A2:2015/ Clause No. 1.7 to 1.7.14 of IEC 60950-1:2005 +A1:2009 +A2
396	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Motor tests under abnormal conditions	Annex B of IS 13252 (Part 1):2010 +A1:2013 +A2:2015/ Annex B of IEC 60950-1:2005 +A1:2009 +A2
397	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Oil and grease (Inspection)	Clause No. 4.3.9 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.3.9 of IEC 60950-1:2005+A1: 2009+A2
398	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Opening In Enclosure	Clause No. 4.6 of IS 13252 (Part 1):2010 +A1:2013 +A2:2015/ Clause No. 4.6 of IEC 60950-1:2005 +A1:2009 +A2
399	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	overcharging, unintentional charging, Reverse Charging & excessive discharge of Batteries	Clause No. 4.3.8 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.3.8 of IEC 60950-1:2005+A1: 2009+A2
400	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Over-Current And Earth Fault Protection In Primary Circuits	Clause No. 2.7 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 2.7 of IEC 60950-1:2005+A1: 2009+A2

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401	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Overload & Insulation test of Transformer	Annex C of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Annex C of IEC 60950-1:2005+A1: 2009+A2
402	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Physical Requirements Stability	Clause No. 4.1 of IS 13252 (Part 1):2010 +A1:2013 +A2:2015/ Clause No. 4.1 of IEC 60950-1:2005 +A1:2009 +A2
403	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Protection against Hazardous moving parts	Clause No. 4.4 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.4 of IEC 60950-1:2005+A1: 2009+A2
404	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Protection From Electric Shock and Energy hazards	Clause No 2.1 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No 2.1 of IEC 60950-1:2005+A1: 2009+A2
405	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Protection From Electric Shock and Energy hazards	Clause no. 2.1 of IS 13252 (Part 1):2010 +A1:2013+A2: 2015/ Clause no. 2.1 of IEC 60950-1:2005 +A1:2009 +A2
406	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Provision for Earthing and bonding	Clause no. 2.6 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no. 2.6 of IEC 60950-1:2005+A1: 2009+A2
407	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Reducing the risk of ignition and spread of flame	Clause No. 4.7.1 of IS 13252 (Part 1):2010+A1:2013 +A2: 2015/ Clause No. 4.7.1 of IEC 60950-1:2005 +A1:2009+A2
408	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Requirement for the mounting means of rack-mounted equipment	Annex DD of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Annex DD of IEC 60950-1:2005+A1: 2009+A2
409	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Resistance To Fire	Clause no. 4.7.3 of IS 13252 (Part 1):2010+A1:2013 +A2: 2015/ Clause no. 4.7.3 of IEC 60950-1:2005 +A1:2009+A2
410	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Safety Interlocks	Clause no. 2.8 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no. 2.8 of IEC 60950-1:2005+A1: 2009+A2

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411	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	SELV circuits	Clause No. 2.2 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 2.2 of IEC 60950-1:2005+A1: 2009+A2
412	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Steady Force	Clause No. 4.2.2 to 4.2.4 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.2.2 to 4.2.4 of IEC 60950-1:2005+A1: 2009+A2
413	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Stress relief test	Clause No. 4.2.7 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.2.7 of IEC 60950-1:2005+A1: 2009+A2
414	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Test equipment for tracking index	Clause no. 2.10.4.2 of IS 13252 (Part 1): 2010 +A1: 2013+A2: 2015/ Clause no. 2.10.4.2 of IEC 60950-1:2005+A1: 2009+A2
415	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Tests on coated printed boards & coated components	Clause No. 2.10.8 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 2.10.8 of IEC 60950-1:2005+A1: 2009+A2
416	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Thermal Requirement	Clause No. 4.5.1 to 4.5.5 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 4.5.1 to 4.5.5 of IEC 60950-1:2005+A1: 2009+A2
417	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	TNV Circuits	Clause No. 2.3 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 2.3 of IEC 60950-1:2005+A1: 2009+A2
418	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Touch current and protective conductor current	Clause no. 5.1 of IS 13252 (Part 1):2010 +A1:2013 +A2:2015/ Clause no. 5.1 of IEC 60950-1:2005 +A1:2009 +A2
419	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Voltage Surge Test	Clause No. 7.4.2 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause No. 7.4.2 of IEC 60950-1:2005+A1: 2009+A2

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Laboratory Name : AB MSAI RESEARCH LABS PRIVATE LIMITED, A-1/6 (BASEMENT, STILT & U.G.F), PASCHIM VIHAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
420	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Wall or Ceiling mounted equipment (Mechanical Strength)	Clause no. 4.2.10 of IS 13252 (Part 1):2010 +A1: 2013 +A2:2015/ Clause no. 4.2.10 of IEC 60950-1:2005 +A1:2009 +A2
421	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Wiring Connection And Supply General	Clause no. 3.1 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no. 3.1 of IEC 60950-1:2005+A1: 2009+A2
422	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology Equipment	Wiring Terminals For External Conductors	Clause no. 3.3 of IS 13252 (Part 1): 2010 +A1:2013+ A2: 2015/ Clause no. 3.3 of IEC 60950-1:2005+A1: 2009+A2
423	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Classification of Test	Clause No. 21 of IS 15885 (Part 2/Sec 13)
424	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Construction	Clause No. 16 of IS 15885 (Part 2/Sec 13)
425	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Creepage Distances and Clearances	Clause No. 17 of IS 15885 (Part 2/Sec 13)
426	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Electric Strength	Clause No. 12 of IS 15885 (Part 2/Sec 13)
427	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Fault Condition	Clause No. 14 of IS 15885 (Part 2/Sec 13)
428	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Moisture Resistance and Insulation	Clause No. 11 of IS 15885 (Part 2/Sec 13)
429	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Protection Against Accidental contacts To Live Parts	Clause No. 8 of IS 15885 (Part 2/Sec 13)
430	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Provision For Protective Earthing	Clause No. 10 of IS 15885 (Part 2/Sec 13)
431	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Resistance to Corrosion	Clause no. 20 of IS 15885 (Part 2/Sec 13)
432	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Resistance to Heat, fire and Tracking	Clause No. 19 of IS 15885 (Part 2/Sec 13)
433	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Screw & Screwless Terminals	Clause No. 9 of IS 15885 (Part 2/Sec 13)
434	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Screws, current-carrying parts and connections	Clause No. 18 of IS 15885 (Part 2/Sec 13)
435	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Thermal Endurance Test for Winding of Ballasts	Clause No. 13 of IS 15885 (Part 2/Sec 13)

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
436	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Transformer Winding	Clause No. 15 of IS 15885 (Part 2/Sec 13)
437	ELECTRONICS- SAFETY TESTING FACILITY	Lamp controlgear	Verification of Marking	Clause No. 7 of IS 15885 (Part 2/Sec 13)
438	ELECTRONICS- SAFETY TESTING FACILITY	Mobile Phone Handsets	Batteries (Verification of compliance as per IS 16046 (Part 1):2018, IS 16046 (Part 2):2018 & IS 16047 (Part 3):2018	Clause No. 4.4 of IS 16333 (Part 1)
439	ELECTRONICS- SAFETY TESTING FACILITY	Mobile Phone Handsets	IMEI (Verification)	Clause No. 4.8 of IS 16333 (Part 1)
440	ELECTRONICS- SAFETY TESTING FACILITY	Mobile Phone Handsets	Safety Requirements	Clause No. 4..2b of IS 16333 (Part 1)