



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONICS REGIONAL TEST LABORATORY (WEST), PLOT NO. F-7 & 8, MIDC AREA, ANDHERI-EAST, GOVERNMENT OF INDIA, MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY, STQC DIRECTORATE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5435

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Validity

13/01/2020 to 17/12/2020*

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*The validity is extended for one year up to 17.12.2021

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	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Delayed life test (6 months)	IS: 9128(10.5)
2	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Delayed life test under dry heat condition	IS: 9128(10.6)
3	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Delayed life test under dry heat condition	IS: 9128(10.6)
4	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Delayed life test under dry heat condition	IS: 9128(10.6)
5	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Dimensions	IS 9128(5,7)
6	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Initial life test (capacity test)	IS: 9128(10.4)
7	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Initial life test (capacity test)	IS: 9128(10.4)
8	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Resistance to leakage of electrolyte	IS: 9128(10.7)
9	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Resistance to leakage of electrolyte	IS: 9128(10.7)
10	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Delayed life test (12months)	IS: 9128(10.5)
11	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Delayed life test (12months)	IS: 9128(10.5)
12	ELECTRICAL- CELLS & BATTERIES	Heavy Duty Dry cell batteries (Type: R 03, R 6, R 14, R 20)	Delayed life test (6 months)	IS: 9128(10.5)
13	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Delayed life test (12months)	IS: 8144(9.5)
14	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Delayed life test (12months)	IS:8144(9.5)
15	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Delayed life test (6 months)	IS: 8144(9.5)
16	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Delayed life test (6 months)	IS:8144(9.5)
17	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Delayed life test under dry heat condition	IS: 8144(9.7)
18	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Delayed life test under dry heat condition	IS: 8144(9.7)



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19	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Delayed life test under dry heat condition	IS: 8144(9.7)
20	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Dimensions	IS: 8144(5.7)
21	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Initial life test (capacity test)	IS: 8144(9.4)
22	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Resistance to leakage of electrolyte	IS: 8144(9.6)
23	ELECTRICAL- CELLS & BATTERIES	Multipurpose cell batteries (Type: R 6, R 14, R 20)	Resistance to leakage of electrolyte	IS: 8144(9.6)
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Ac voltage Test	IS 15884(5.4.6.3)
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Impulse voltage test	IS 15884(5.4.6.2)
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Insulation resistance test	IS 15884(5.4.6.4)
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Limits of Error due to variation of current	IS 15884(4.6.1)
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Limits of Error due to variation of current	IS 15884(4.6.1)
29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Limits of Error due to variation of current	IS 15884(4.6.1)
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Repeatability of error	IS 15884(5.6.7)



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31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Repeatability of error	IS 15884(5.6.7)
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Repeatability of error	IS 15884(5.6.7)
33	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Spring hammer test	IS 15884(5.2.1)
34	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of influence of Heating	IS 15884(5.4.5)
35	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of influence of self-heating	IS 15884(5.4.4)
36	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of influence of self-heating	IS 15884(5.4.4)
37	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of Influence of Short Time Over current	IS 15884(5.4.3)
38	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of influence of supply voltage	IS 15884(4.4.2)
39	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of influence Quantities/ Magnetic Influence Tests	IS 15884(4.6.2)
40	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of meter constant	IS 15884(5.6.5)



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41	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of no-load condition	IS 15884(5.6.3)
42	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of power consumption	IS 15884(5.4.1)
43	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of power consumption	IS 15884(5.4.1)
44	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of resistance to heat & fire	IS 15884(5.2.4)
45	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of starting condition	IS 15884(5.6.4)
46	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Ac voltage Test	IS 14697 (12.7.6.3)
47	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	General and Constructional requirements	IS 14697(6.0)
48	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Impulse voltage test	IS 14697(12.7.6.2)
49	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Insulation resistance test	IS 14697(12.7.6.4)
50	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Limits of Error due to variation of current	IS 14697(11.1)



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51	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Limits of Error due to variation of current	IS 14697(11.1)
52	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Limits of Error due to variation of current	IS 14697(11.1)
53	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Marking of Meters	IS 14697(7.1,7.2)
54	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Repeatability of error	IS 14697(12.16)
55	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Repeatability of error	IS 14697(12.16)
56	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Repeatability of error	IS 14697(12.16)
57	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Spring hammer test	IS 14697(12.3.3)
58	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of ambient temp. Influence	IS 14697(12.11)
59	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of immunity to earth fault	IS 14697(12.17)
60	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of influence of Heating	IS 14697(12.7.5)



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61	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of influence of self-heating	IS 14697(12.7.4)
62	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of influence of self-heating	IS 14697(12.7.4)
63	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of Influence of Short Time Over current	IS 14697(12.7.3)
64	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of influence of supply voltage	IS 14697 (12.7.2)
65	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of influence Quantities/ Magnetic Influence Tests	IS 14697(12.10)
66	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of meter constant	IS 14697(12.14)
67	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of no-load condition	IS 14697(12.12)
68	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of power consumption	IS 14697(12.7.1)
69	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of power consumption	IS 14697(12.7.1)
70	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of resistance to heat & fire	IS 14697(12.4)



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71	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and VAR hour Meters Class 0.2S, 0.5S and 1.0 S	Test of starting condition	IS 14697(12.13)
72	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	General and Constructional requirements	IS 13779(6)
73	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Impulse voltage test	IS 13779 (12.7.6.2)
74	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Marking of Meters	IS 13779(7)
75	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Repeatability of error	IS 13779(12.17)
76	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Repeatability of error	IS 13779(12:17)
77	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Repeatability of error	IS 13779(12.17)
78	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Spring hammer test	IS 13779(12.3.3)
79	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of ambient temp. Influence	IS 13779(12.12)
80	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of immunity to earth fault	IS 13779(12.8)



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81	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of influence of Heating	IS 13779(12.7.5)
82	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of influence of self-heating	IS 13779(12.7.4)
83	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of influence of self-heating	IS 13779(12.7.4)
84	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of Influence of Short Time Over current	IS 13779(12.7.3)
85	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of influence of supply voltage	IS 13779(12.7.2)
86	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of influence Quantities/ Magnetic Influence Tests	IS 13779(12.11)
87	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of no-load condition	IS 13779(12.13)
88	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of power consumption	IS 13779(12.7.1)
89	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of power consumption	IS 13779(12.7.1)
90	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour Meters Class 1 & 2	Test of resistance to heat & fire	IS 13779(12.4)



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91	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Abnormal Voltage Condition	CBIP 304(4.4.7)
92	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Ac voltage Test	CBIP 304:CL. 5.4.6.3
93	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	General and Constructional requirements	CBIP 304(4.2)
94	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Impulse voltage test	CBIP 304, 5.4.6.2
95	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Insulation resistance test	CBIP 304(5.4.6.4)
96	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Insulation Resistance Test	IS 13779(12.7.6.4)
97	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Limits of Error due to variation of current	CBIP 304(5.6.8)
98	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Limits of Error due to variation of current	IS 13779(11.1)
99	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Limits of Error due to variation of current	IS 13779(11.1)
100	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Marking of Meters	CBIP 304(4.2.2.11)



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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
101	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Repeatability of error	CBIP 304(5.6.9)
102	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Repeatability of error	IS 13779(12.17)
103	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Spring hammer test	CBIP 304(5.2.1)
104	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of ambient temp. Influence	CBIP 304(5.6.3)
105	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of influence of Heating	CBIP 304(5.4.5)
106	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of influence of self-heating	CBIP 304(5.4.4)
107	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of Influence of Short Time Over current	CBIP 304(5.4.3)
108	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of influence of supply voltage	CBIP(5.4.2)
109	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of influence Quantities/ Magnetic Influence Tests	CBIP 304(5.6.2)
110	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of influence Quantities/ Magnetic Influence Tests	CBIP 304(5.6.2)



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111	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of meter constant	CBIP 304(5.6.6)
112	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of meter constant	CBIP 304(5.6.6)
113	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of no-load condition	CBIP 304(5.6.4)
114	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of power consumption	CBIP 304(5.4.1)
115	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of power consumption	CBIP 304(5.4.1)
116	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of resistance to heat & fire	CBIP 304(5.2.4)
117	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of starting condition	CBIP 304(5.6.5)
118	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters Class 1 & 2	Test of starting condition	IS 13779 (12.14)
119	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test	IS 13875(4.8)
120	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to supply Voltage)	IS 13875(4.8)



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121	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to change in ambient temp)	IS 13875(4.4)
122	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to change in ambient temp)	IS 13875(4.4)
123	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to change in ambient temp)	IS 13875(4.4)
124	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to RH)	IS 13875(4.5)
125	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to RH)	IS 13875(4.5)
126	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to RH)	IS 13875(4.5)
127	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to supply Voltage)	IS 13875(4.8)
128	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test(Due to change in ambient temp)	IS 13875(4.4)
129	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Intrinsic Error Test(AC Voltage)	IS 13875(4.2)
130	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Intrinsic Error Test(AC Current)	IS 13875(4.2)



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131	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to Position)	IS 13875(4.6)
132	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to Position)	IS 13875(4.6)
133	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to Position)	IS 13875(4.6)
134	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to RH)	IS 13875(4.5)
135	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to supply Voltage)	IS 13875(4.8)
136	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Intrinsic Error Test (DC Current)	IS 13875(4.2)
137	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Intrinsic Error Test(AC Current)	IS 13875(4.2)
138	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Intrinsic Error Test(AC Voltage)	IS 13875(4.2)
139	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter -Voltmeter	Influence Error test (Due to Position)	IS 13875(4.6)
140	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Ammeter	Influence Error test (Due to Position)	IS 13875(4.6)



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141	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to change in ambient temp)	IS 13875(4.4)
142	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to Position)	IS 13875(4.6)
143	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to supply Voltage)	IS 13875(4.8)
144	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to change in ambient temp)	IS 13875(4.4)
145	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to change in ambient temp)	IS 13875(4.4)
146	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to change in ambient temp)	IS 13875(4.4)
147	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to Position)	IS 13875(4.6)
148	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to Position)	IS 13875(4.6)
149	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to RH)	IS 13875(4.5)
150	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to RH)	IS 13875(4.5)



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151	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to RH)	IS 13875(4.5)
152	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to RH)	IS 13875(4.5)
153	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to supply Voltage)	IS 13875(4.8)
154	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to supply Voltage)	IS 13875(4.8)
155	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Influence Error test (Due to supply Voltage)	IS 13875(4.8)
156	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Intrinsic Error Test(DC Voltage)	IS 13875(4.2)
157	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Intrinsic Error Test(DC Voltage)	IS 13875(4.2)
158	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Intrinsic Error Test(AC Current)	IS 13875(4.2)
159	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital measuring Instruments for measuring and controls - Voltmeter	Intrinsic Error Test(AC Voltage)	IS 13875(4.2)
160	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instrument -Voltmeter	High voltage test	IS 1248(7.1 part 1)



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161	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Continues Overload	IS 1248(7.4.1)
162	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Continues Overload	IS 1248(7.4.1)
163	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Continues Overload	IS 1248(7.4.1)
164	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Deviation from zero	IS 1248(7.6)
165	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Deviation from zero	IS 1248(7.6)
166	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	High voltage test	IS 1248(7.1 Part 1)
167	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Intrinsic error	IS 1248(2 part 9)
168	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Intrinsic error	IS 1248(2 part 9)
169	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Overshoot	IS 1248(7.2.1)
170	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Response time	IS 1248(7.2.2)



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171	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Self Heating	IS 1248(7.3)
172	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Self Heating	IS 1248(7.3)
173	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Self Heating	IS 1248(7.3)
174	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Self Heating	IS 1248(7.3)
175	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Short term Overload	IS 1248(7.4.2)
176	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Variation due to influence quantities	IS 1248(6,table 2 part 1)
177	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Variation due to influence quantities	IS 1248(6,table 2, part 1)
178	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Variation due to influence quantities	IS 1248(6,table 2,part 1)
179	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Intrinsic error	IS 1248(2 part 9)
180	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Intrinsic error	IS 1248(2 part 9)



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181	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Variation due to influence quantities	IS 1248(6,table 2,part 1)
182	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Continues Overload	IS 1248(7.4.1)
183	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Continues Overload	IS 1248(7.4.1)
184	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Continues Overload	IS 1248(7.4.1)
185	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Continues Overload	IS 1248(7.4.1)
186	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Deviation from zero	IS 1248(7.6)
187	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Deviation from zero	IS 1248(7.6)
188	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	IS 1248(2 part 9)
189	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	IS 1248(2 part 9)
190	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Intrinsic error	IS 1248(2 part 9)



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191	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Intrinsic error	IS 1248(2 part 9)
192	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Intrinsic error	IS 1248(2 part 9)
193	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Overshoot	IS 1248(7.2.1)
194	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Response time	IS 1248(7.2.2)
195	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Self Heating	IS 1248(7.3)
196	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Self Heating	IS 1248(7.3)
197	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Self Heating	IS 1248(7.3)
198	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Self Heating	IS 1248(7.3)
199	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Short term Overload	IS 1248(7.4.2)
200	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Variation due to influence quantities	IS 1248(6,table 2 part 1)



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201	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Variation due to influence quantities	IS 1248(6,table 2,part 1)
202	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Variation due to influence quantities	IS 1248(6,table 2,part 1)
203	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Voltmeter	Variation due to influence quantities	IS 1248(6,table 2,part 1)
204	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Direct acting indicating analogue electrical measuring instruments. -Ammeter	Continuous Overload	IS 1248(7.4.1)
205	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	High Voltage test	IS 14570(6.19)
206	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Impulse Voltage Test	IS 14570(6.20)
207	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Intrinsic error and class index	IS 14570(4.2)
208	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Intrinsic error and class index	IS 14570(4.2)
209	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Limiting conditions for storage and transport	IS 14570(5.10)
210	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Permissible Excessive input	IS 14570(6.18)



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211	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Permissible Excessive input	IS 14570(6.18)
212	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Response Time	IS 14570(5.5)
213	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Ripple	IS 14570(5.4)
214	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Temp. rise test	IS 14570(6.22)
215	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to ambient temperature	IS 14570(6.4)
216	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to ambient temperature	IS 14570(6.4)
217	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to auxiliary supply freq.	IS 14570(6.3)
218	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to auxiliary supply freq.	IS 14570(6.3)
219	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to auxiliary supply voltage	IS 14570(6.2)
220	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to auxiliary supply voltage	IS 14570(6.2)



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221	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to common mode interference	IS 14570(6.16)
222	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to common mode interference	IS 14570(6.16)
223	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to continuous operation	IS 14570(6.15)
224	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to continuous operation	IS 14570(6.15)
225	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to freq. of i/p quantities	IS 14570(6)
226	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to magnetic field of external origin	IS 14570(6.11)
227	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to magnetic field of external origin	IS 14570(6.11)
228	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to output load	IS 14570(6.9)
229	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to output load	IS 14570(6.9)
230	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to self heating	IS 14570(6)



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231	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to self heating	IS 14570(6)
232	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to series mode interference	IS 14570(6.17)
233	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers for converting AC electrical quantities to Analogue or Digital Signals	Variations due to series mode interference	IS 14570(6.17)
234	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Ac voltage Test	IEC 62052-11(7.3.3)
235	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	General and Constructional requirements	IEC 62052-11(5.1)
236	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Impulse voltage test	IEC 62052-11(7.3.2)
237	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Limits of Error due to variation of current	IEC 62053-22(8.1)
238	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Limits of Error due to variation of current	IEC 62053-22(8.1)
239	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Limits of Error due to variation of current	IEC 62053-22(8.1)
240	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Marking of Meters	IEC 6205-11(5.12)



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241	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Spring hammer test	IEC 62052-11(5.2.2.1)
242	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of immunity to earth fault	IEC 62052-11(7.4)
243	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of influence of Heating	IEC 62052-11(7.2)
244	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of influence of self-heating	IEC 62053-22(7.3)
245	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of influence of self-heating	IEC 62053-22(7.3)
246	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of Influence of Short Time Over current	IEC 62053-22(7.2)
247	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of influence of supply voltage	IEC 62052-11(7.1.2)
248	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of influence Quantities/ Magnetic Test	IEC 62053-22(8.2)
249	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of meter constant	IEC 62053-22(8.4)
250	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of no-load condition	IEC 62053-22(8.3.2)



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251	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of power consumption	IEC 62052-22(7.1)
252	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of power consumption	IEC 62053-22(7.1)
253	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of resistance to heat & fire	IEC 62052-11(5.9)
254	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 0.2S and 0.5 S)	Test of starting condition	IEC 62053-22(8.3.3)
255	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Ac voltage Test	IEC 62052-11(7.3.3)
256	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	General and Constructional requirements	IEC 62052-11 C. 5.1
257	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Impulse voltage test	IEC 62052-11(7.3.2)
258	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Limits of Error due to variation of current	IEC 62053-21(8.1)
259	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Limits of Error due to variation of current	IEC 62053-21(8.1)
260	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Limits of Error due to variation of current	IEC 62053-21(8.1)



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261	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Marking of Meters	IEC 62052-11 C. 5.12
262	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of immunity to earth fault	IEC 62052-11C. 7.4
263	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of influence of Heating	IEC 62052-11(7.2)
264	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of influence of self-heating	IEC 62053-21(7.3)
265	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of influence of self-heating	IEC 62053-21(7.3)
266	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of Influence of Short Time Over current	IEC 62053-21(7.2)
267	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of influence of supply voltage	IEC 62052-11(7.1.2)
268	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of influence Quantities/ Magnetic Test	IEC 62053-21(8.2)
269	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of meter constant	IEC 62053-21(8.4)
270	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of no-load condition	IEC 62053-21(8.3.2)



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271	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of power consumption	IEC 62053-21(7.1)
272	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of power consumption	IEC 62053-21(7.1)
273	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of resistance to heat & fire	IEC 62052-11Cl. 5.9
274	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Meters for Active Energy (Class 1 & 2)	Test of starting condition	IEC 62053-21(8.3.3)
275	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Creepage distance & clearance	IS 11037(9.3.9)
276	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Earthing Connection	IS 11037(9.3.5)
277	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	High voltage test	IS 11037(9.3.3)
278	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Insulation resistance	IS 11037(9.3.4)
279	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Leakage Current	IS 11037(9.3.2)
280	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Mechanical Strength	IS 11037(9.3.8)
281	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Performance	IS 11037(7)
282	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Performance	IS 11037(7)



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283	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Protection against Electric Shock	IS 11037(9.3.6)
284	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Protection against Electric Shock	IS 11037(9.3.6)
285	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Temperature Rise test	IS: 11037(9.3.1)
286	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Electronic Fan regulator	Voltage Drop	IS 11037(6.7)
287	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Conducted RF Susceptibility	CISPR 24
288	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Electrical Fast Transient	CISPR 24
289	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Electrostatic Discharge	CISPR 24
290	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Power Frequency Magnetic Field	CISPR 24
291	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	RF Radiated Susceptibility Test	CISPR 24
292	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Surge	CISPR 24
293	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Voltage dips, short interruption & voltage variations	CISPR 24
294	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	Electrical Fast Transient	IEC 61547
295	ELECTRONICS- EMC TEST FACILITY	AC Static Transformer Operated Watthour and Var-hour Meters	Conducted Emission	IEC 14697
296	ELECTRONICS- EMC TEST FACILITY	AC Static Transformer Operated Watthour and Var-hour Meters	Electrical Fast Transient	IS 14697
297	ELECTRONICS- EMC TEST FACILITY	AC Static Transformer Operated Watthour and Var-hour Meters	Electrostatic Discharge	IS 14697
298	ELECTRONICS- EMC TEST FACILITY	AC Static Transformer Operated Watthour and Var-hour Meters	Radiated Radio Frequency Disturbances Power Test	IS 14697
299	ELECTRONICS- EMC TEST FACILITY	AC Static Transformer Operated Watthour and Var-hour Meters	RF Radiated Susceptibility Test	IS 14697



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300	ELECTRONICS- EMC TEST FACILITY	AC Static Watt-hour Meters	Conducted Emission	IS 13779
301	ELECTRONICS- EMC TEST FACILITY	AC Static Watt-hour Meters	Electrical Fast Transient	IS 13779
302	ELECTRONICS- EMC TEST FACILITY	AC Static Watt-hour Meters	Electrostatic Discharge	IS 13779
303	ELECTRONICS- EMC TEST FACILITY	AC Static Watt-hour Meters	Radiated Radio Frequency Disturbances Power Test	IS 13779
304	ELECTRONICS- EMC TEST FACILITY	AC Static Watt-hour Meters	RF Radiated Susceptibility Test	IS 13779
305	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment	Electrical Fast Transient	BS EN 55103-2
306	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment Lighting Control equipment for professional use	Conducted Emission	BS EN 55103-1
307	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment Lighting Control equipment for professional use	Conducted RF Susceptibility	BS EN 55103-2
308	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment Lighting Control equipment for professional use	Electrostatic Discharge	BS EN 55103-2
309	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment Lighting Control equipment for professional use	Power Frequency Magnetic Field	BS EN 55103-2
310	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment Lighting Control equipment for professional use	Radiated Emission	BS EN 55103-1
311	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment Lighting Control equipment for professional use	RF Radiated Susceptibility Test	BS EN 55103-2
312	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment Lighting Control equipment for professional use	Surge	BS EN 55103-2
313	ELECTRONICS- EMC TEST FACILITY	Audio, Video, Audio-Visual and Entertainment Lighting Control equipment for professional use	Voltage dips, short interruption & voltage variations	BS EN 55103-2
314	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Conducted RF Susceptibility	IEC 61326-1
315	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Electrical Fast Transient	IEC 61326-1
316	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Electrostatic Discharge	IEC 61326-1
317	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Power Frequency Magnetic Field	IEC 61326-1



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318	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Radiated Emission	IEC 61326-1
319	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	RF Radiated Susceptibility Test	IEC 61326-1
320	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Surge	IEC 61326-1
321	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Voltage dips, short interruption & voltage variations	IEC 61326-1
322	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	Conducted Emission	IEC 61326-2-6
323	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	Conducted RF Susceptibility	IEC 61326-2-6
324	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	Electrical Fast Transient	IEC 61326-2-6
325	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	Electrostatic Discharge	IEC 61326-2-6
326	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	Power Frequency Magnetic Field	IEC 61326-2-6
327	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	Radiated Emission	IEC 61326-2-6
328	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	RF Radiated Susceptibility Test	IEC 61326-2-6
329	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	Surge	IEC 61326-2-6
330	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use -In vitro diagnostic (IVD) medical equipment	Voltage dips, short interruption & voltage variations	IEC 61326-2-6
331	ELECTRONICS- EMC TEST FACILITY	Electrical fast transient/burst immunity test	Electrical Fast Transient	IEC 61000-4-4
332	ELECTRONICS- EMC TEST FACILITY	Electrostatic discharge immunity test	Electrostatic Discharge	IEC 61000-4-2
333	ELECTRONICS- EMC TEST FACILITY	Energy Meter	Radiated Emission	IEC 14697
334	ELECTRONICS- EMC TEST FACILITY	Energy Meter	Radiated Emission	IS 15884
335	ELECTRONICS- EMC TEST FACILITY	Heavy Industrial environments	Conducted Emission	IEC 61000-6-4



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336	ELECTRONICS- EMC TEST FACILITY	Heavy Industrial environments	Radiated Emission	IEC 61000-6-4
337	ELECTRONICS- EMC TEST FACILITY	Household appliances	Conducted Emission	IEC/CISPR 14-1
338	ELECTRONICS- EMC TEST FACILITY	Household appliances	Radiated Emission	IEC/CISPR 14-1
339	ELECTRONICS- EMC TEST FACILITY	Household electrical / electronic appliances	Radiated Radio Frequency Disturbances Power Test	CISPR 14-1
340	ELECTRONICS- EMC TEST FACILITY	Immunity to conducted disturbances, induced by radio-frequency fields	Conducted RF Susceptibility	IEC 61000-4-6
341	ELECTRONICS- EMC TEST FACILITY	Industrial environments	Conducted RF Susceptibility	IEC 61000-6-2
342	ELECTRONICS- EMC TEST FACILITY	Industrial environments	Electrical Fast Transient	IEC 61000-6-2
343	ELECTRONICS- EMC TEST FACILITY	Industrial environments	Electrostatic Discharge	IEC 61000-6-2
344	ELECTRONICS- EMC TEST FACILITY	Industrial environments	Power Frequency Magnetic Field	IEC 61000-6-2
345	ELECTRONICS- EMC TEST FACILITY	Industrial environments	RF Radiated Susceptibility Test	IEC 61000-6-2
346	ELECTRONICS- EMC TEST FACILITY	Industrial environments	Surge	IEC 61000-6-2
347	ELECTRONICS- EMC TEST FACILITY	Industrial environments	Voltage dips, short interruption & voltage variations	IEC 61000-6-2
348	ELECTRONICS- EMC TEST FACILITY	Industrial Process control and allied equipment	Damped Oscillatory wave Immunity Tests	IEC 61000-4-18
349	ELECTRONICS- EMC TEST FACILITY	Industrial, Scientific, Medical equipment	Conducted Emission	IEC/CISPR 11
350	ELECTRONICS- EMC TEST FACILITY	Industrial, Scientific, Medical equipment	Radiated Emission	IEC/CISPR 11
351	ELECTRONICS- EMC TEST FACILITY	Industrial, Scientific, Medical equipment, Household appliances, Lighting equipment, Information technology equipment, Process control and allied equipment	Current harmonic emissions	IEC 61000-3-2
352	ELECTRONICS- EMC TEST FACILITY	Industrial, Scientific, Medical equipment, Household appliances, Lighting equipment, Information technology equipment, Process control and allied equipment	Voltage Fluctuation & Flicker	IEC 61000-3-3
353	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Conducted Emission	IEC/CISPR 22



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354	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Radiated Emission	IEC/CISPR 22
355	ELECTRONICS- EMC TEST FACILITY	Laboratory equipment	Conducted Emission	IEC 61326-1
356	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	Conducted Emission	IEC/CISPR 15
357	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	Conducted RF Susceptibility	IEC 61547
358	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	Electrostatic Discharge	IEC 61547
359	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	Power Frequency Magnetic Field	IEC 61547:
360	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	Radiated Emission	IEC/CISPR 14-1
361	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	RF Radiated Susceptibility Test	IEC 61547
362	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	Surge	IEC 61547
363	ELECTRONICS- EMC TEST FACILITY	Lighting appliances	Voltage dips, short interruption & voltage variations	IEC 61547
364	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Conducted Emission	IEC 60601-1-2
365	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Radiated Emission	IEC 60601-1-2
366	ELECTRONICS- EMC TEST FACILITY	Power frequency magnetic field immunity test	Power Frequency Magnetic Field	IEC 61000-4-8
367	ELECTRONICS- EMC TEST FACILITY	Radiated, radio-frequency, electromagnetic field immunity test	RF Radiated Susceptibility Test	IEC 61000-4-3
368	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	Electrical Fast Transient	IEC 61000-6-1
369	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	Conducted Emission	IEC 61000-6-3
370	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	Conducted RF Susceptibility	IEC 61000-6-1
371	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	Electrostatic Discharge	IEC 61000-6-1



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372	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	Power Frequency Magnetic Field	IEC 61000-6-1
373	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	Radiated Emission	IEC 61000-6-3
374	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	RF Radiated Susceptibility Test	IEC 61000-6-1
375	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	Surge	IEC 61000-6-1
376	ELECTRONICS- EMC TEST FACILITY	Residential, commercial and light-industrial environments	Voltage dips, short interruption & voltage variations	IEC 61000-6-1
377	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	Conducted Emission	IEC/CISPR 13
378	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	Conducted RF Susceptibility	CISPR 20
379	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	Electrical Fast Transient	CISPR 20
380	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	Electrostatic Discharge	IEC/CISPR 20
381	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	Power Frequency Magnetic Field	CISPR 20
382	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	Radiated Emission	IEC/CISPR 13
383	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	RF Radiated Susceptibility Test	CISPR 20
384	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	Surge	CISPR 20
385	ELECTRONICS- EMC TEST FACILITY	Sound and television broadcast receivers and associated equipment	Voltage dips, short interruption & voltage variations	CISPR 20
386	ELECTRONICS- EMC TEST FACILITY	Static and electro-mechanical metering devices	Conducted Emission	IEC 62052 -11
387	ELECTRONICS- EMC TEST FACILITY	Static and electro-mechanical metering devices	Electrical Fast Transient	IEC 62052 -11
388	ELECTRONICS- EMC TEST FACILITY	Static and electro-mechanical metering devices	Electrostatic Discharge	IEC 62052 -11
389	ELECTRONICS- EMC TEST FACILITY	Static and electro-mechanical metering devices	Radiated Radio Frequency Disturbances Power Test	IEC 62052 -11



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390	ELECTRONICS- EMC TEST FACILITY	Static and electro-mechanical metering devices	RF Radiated Susceptibility Test	IEC 62052 -11
391	ELECTRONICS- EMC TEST FACILITY	Static and electro-mechanical metering devices	Surge	IEC 62052 -11
392	ELECTRONICS- EMC TEST FACILITY	Static Prepayment Meters	Conducted Emission	IS 15884
393	ELECTRONICS- EMC TEST FACILITY	Static Prepayment Meters	Electrical Fast Transient	IS 15884
394	ELECTRONICS- EMC TEST FACILITY	Static Prepayment Meters	Electrostatic Discharge	IS 15884
395	ELECTRONICS- EMC TEST FACILITY	Static Prepayment Meters	RF Radiated Susceptibility Test	IS 15884
396	ELECTRONICS- EMC TEST FACILITY	Surge immunity test	Surge	IEC 61000-4-5
397	ELECTRONICS- EMC TEST FACILITY	UPS	Conducted Emission	IEC 62040-2
398	ELECTRONICS- EMC TEST FACILITY	UPS	Radiated Emission	IEC 62040-2
399	ELECTRONICS- EMC TEST FACILITY	Voltage dips, short interruptions and voltage variations immunity tests	Voltage dips, short interruption & voltage variations	IEC 61000-4-11
400	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Random	JSS 50101:1996, Revision No.1, Test No. 24
401	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Dry Heat Test	IS 9000 part III Sec(1 to 5) (1977) Reaffd 2016
402	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Random	IE 60571, Edition 3.0, 2012-09
403	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Random	IEC 60068-2-64, Edition 2.0 2008-04
404	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Random	IEC 61373 Edition 2.0, 2010-05
405	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Random	JSS 55555:2012, Revision No.3, Test No.28



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406	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	sinusoidal	IEC 60068-2-6, Edition 7.0, 2007-12
407	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Sinusoidal	IS 9000 , Part VIII (1981) , Reaffirmed 2018
408	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Sinusoidal	JSS 50101:1996, Revision No.1, Test No.23
409	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Sinusoidal	JSS 55555 : 2012, Revision No.3, Test No. 28
410	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items & related materials	Sinusoidal	QM333, Issue : Mrach 2010, Test No.6
411	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials	Bump Test	QM 333 : Issue: March
412	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials	Cold Test	IEC 60571 : 2012-09.
413	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials	Cold Test	QM 333 : Issue : March 2010
414	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials	Driving Rain Test	JSS : 55555 (2012), Rev.No.3, Test No.12.
415	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials	Shock Test (Half Sine)	IEC : 60068-2-27 Edition 4.0 (2008-02)
416	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials	Temperature Cycling / Thermal Shock Test	QM 333 : Issue : March 2010, Test No. 4
417	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling / Thermal Shock Test	JSS : 50101 (1996), Revision No.1, Test No.20
418	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Bump Test	IEC : 60068-2-27 Ed 4.0



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419	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Bump Test	IS : 9000, P-VII /Sec 2 (1979) Reaffd 2016
420	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Bump Test	JSS : 50101 (1996) Rev. No.1, Test No. 11
421	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Bump Test	JSS : 55555 (2012), Rev.No. 3, Test No.5.
422	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Cold Test	IEC : 60068-2-1 (2007-ed-6)
423	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Cold Test	IS : 9000, P-II Sec (1 to 4) (1977), Refmd:2016
424	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Cold Test	JSS : 50101 (1996) Rev.No.1, Test No.21
425	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Cold Test	JSS : 55555 :2012 Rev.No.3, Amendment No.1-July 2014, Test No.20
426	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Composite Temperature / Humidity test (moisture resistance)	IEC : 60068-2-38 (2009-ed-2)
427	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Composite Temperature / Humidity test (moisture resistance)	JSS : 50101 (1996), Revision No.1, Test No.6
428	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Composite Temperature / Humidity test (moisture resistance)	IS : 9000, P-VI (1978) Reaffd 2016
429	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Cyclic) Test	IEC : 60068-2-30(2007-ed-3)
430	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Cyclic) Test	IEC 60571 : 2012-09.
431	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Cyclic) Test	IS : 9000, P-V, Sec (1 & 2) (1981) Reaffd 2016



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432	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Cyclic) Test	JSS : 50101 (1996), Revision No.1, Test No.5
433	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Cyclic) Test	JSS : 55555 :2012 Rev.No.3
434	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Cyclic) Test	QM 333 : Issue: March 2010. Test No.3
435	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Steady State) Test	IEC : 60068-2-78 (2012) Edition 2.0 (2012-10)
436	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Steady State) Test	IS : 9000, P-4 (2008) Reaffd 2015.
437	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Steady State) Test	JSS : 50101 (1996), Revision No.1, Test No.7
438	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Steady State) Test	JSS : 55555 (2012), Rev. No.3, Test no.10.
439	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Damp Heat (Steady State) Test	QM 333 : Issue : March 2010. Test No. 5
440	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Driving Rain Test	IS : 9000 P-XVI (1983) Reaffd 20016
441	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Drop Test	IS : 9000, P-VII ,Sec.3,(1979), Reaffirmed 2016
442	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Drop Test	JSS : 55555 (2012), Rev.No.3, Test No .13
443	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Drop Test	QM 333 : Issue: March 2010, Test No. 10
444	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Dry Heat Test	IEC 60571 Edition 3.0, 2012-09



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445	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Dry Heat Test	JSS : 55555 :2012 Rev. No.3, Amendment No.1 July 2014, Test No.17
446	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Dry Heat Test	JSS: 50101, Revision No.1(1996), Test No.22
447	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Dry Heat Test	QM 333 : Issued : March 2010, Test No.2
448	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Free Fall Test	IS : 9000, P-VII, Section 4(1979) , Reaffirmed 2016
449	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Free Fall Test	QM 333 : Issue March 2010, Test No.12
450	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	IP IX to IP 6X IP XI to IP X7	IEC : 60529 Edition 2.2, 2013-08
451	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	IP IX to IP 6X IP XI to IP X7	IEC : 60947-1, Edition 5.2, 2014-09
452	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Salt Spray Test	IEC : 60068-2-11 Third Edition, (1981)
453	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Salt Spray Test	IEC : 60571 Edition 3.0, 2012-09.
454	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Salt Spray Test	IS : 9000, P-XI (1983) , Reaffirmed 2016
455	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Salt Spray Test	JSS : 50101 (1996), Revision No.1, Test No.4
456	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Salt Spray Test	JSS : 55555 (2012), Revision No.3, Test No.9.
457	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Salt Spray Test	QM 333 : Issue: March 2010, Test No.9



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458	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Shock Test (Half Sine)	IEC : 60571 Edition 3.0,2012-09.
459	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Shock Test (Half Sine)	IS : 9000 P-VII, Sec 1 (1979), Reaffirmed 2016
460	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Shock Test (Half Sine)	JSS : 55555 (2012), Test No.24
461	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Shock Test (Half Sine)	JSS :50101 (1996),Revision No.1,Test No.12
462	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Shock Test (Half Sine)	QM 333 : Issue : March 2010
463	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling / Thermal Shock	IS : 9000, P-XIV (1988) Reaffd 2015
464	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling / Thermal Shock Test	IEC : 60068-2-14, Edition 6.0 (2009-01)
465	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling / Thermal Shock Test	JSS : 55555 (2012) Revision No.3,Test No.22
466	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling Test	IEC : 60068-2-14 Edition 6.0 (2009-01)
467	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling Test	JSS : 50101 (1996),Revision No. 1, Test No. 20
468	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling Test	JSS : 55555 (2012) Revision No.3, Test No.22
469	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling Test	QM 333 : Issue : March 2010, Test No. 4
470	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Temperature Cycling Test	S : 9000, P-XIV,Sec 1 & 2 (1988) Reaffirmed 2018



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471	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Tottle Test	IS : 9000, P-VII, Section 3 (1979) , Reaffirmed 2016
472	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Tottle Test	JSS : 55555 (2012), Rev. No.3, Test No .26
473	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Tottle Test	QM 333 : Issue March 2010, Test No.11
474	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic items and related materials.	Tropical Exposure Test	JSS : 55555 : 2012, Revision No. 3, Test No.27
475	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronics items	Dry Heat Test	IEC: 60068-2-2 Edition 5.0 (2007-07)
476	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	High voltage test	IS: 9815(11.5)
477	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Induced voltage	IS: 9815(11.10)
478	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Insulation resistance	IS: 9815(11.4)
479	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Leakage Current	IS: 9815(7.3)
480	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Load loss test & efficiency	IS: 9815(11.9)
481	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Lock Rotor test for servo	IS: 9815(11.14)
482	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Lock Rotor test for servo	IS: 9815(11.14)
483	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Measurement of no-load losses	IS: 9815(11.8)
484	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	No-load Current	IS: 9815(7.2)
485	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Output Voltage	IS: 9815(11.6)
486	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Physical examination	IS: 9815(6,10)



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487	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Provision of Earthing	IS: 9815(7.2)
488	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Rate of correction	IS: 9815(11.13)
489	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Temperature Rise test	IS: 9815(11.12)
490	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Servo Motor Operated Automatic Line Voltage Corrector	Test for continuous operation	IS: 9815(11.11)
491	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverter	Steady state input voltage tolerance (Line Regulation)	Cl. No. 6.4.1.1, IEC 62040-3; IS 16242 (Part 3)
492	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverter	Dynamic performance (Transient response)	IS 16242(Part 3, 6.4.2.11.4&6.4.2.11.5)
493	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverter	Efficiency measurement of UPS & Inverter	IS 16242(Part 3, 6.4.1.6)
494	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverter	Efficiency measurement of UPS & Inverter	IS 16242(Part 3, 6.4.1.6)
495	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverter	Harmonic distortion of input current	IS 16242(part 3)
496	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverter	Harmonic distortion of input current	IS 16242(part 3, 6.4.1.4)
497	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverter	Load Regulation	IS 16242(Part 3, 6.4.2.1 to 6.4.2.4)
498	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverter	Overload protection	IS 16242(Part 3, 6.4.2.10.1 & 6.4.2.10.2)
499	ELECTRONICS- POWER SUPPLIES & STABILIZERS	UPS, Inverters	Power Factor	Cl. No. 6.4.1.5 IEC62040-3; IS 16242(Part-3)
500	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above, Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs, Power adaptor for Audio, Video and similar electronic apparatus etc	Fault conditioning	IS 616 : 2017/IEC 60065 : 2014 (clause 11)



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501	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Accessibility	IS 616 : 2017/IEC 60065 : 2014 (clause 9.1.1.2)
502	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Clearances and creepage distances	IS 616 : 2017/IEC 60065 : 2014 (clause 13)
503	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Dielectric strength	IS 616 : 2017/IEC 60065 : 2014 (clause 10.4.2)
504	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Drop test	IS 616 : 2017/IEC 60065 : 2014 (clause 12.1.5)



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505	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Electric shock hazard under normal operating conditions	IS 616 : 2017/IEC 60065 : 2014 (clause 9)
506	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	External Flexible Cords strain relief test	IS 616 : 2017/IEC 60065 : 2014 (clause 16.5)
507	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Heat resistance of insulating material	IS 616 : 2017/IEC 60065 : 2014 (clause 7.2)
508	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Heating under normal operating condition	IS 616 : 2017/IEC 60065 : 2014 (clause 7.1)



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509	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Humidity treatment	IS 616:2017/IEC 60065:2014 (CLAUSE 10.3)
510	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Impact test	IS 616 : 2017/IEC 60065 : 2014 (clause 12.1.4)
511	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Insulation resistance	IS 616 : 2017/IEC 60065 : 2014 (clause 10.4)
512	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Ionizing radiation	IS 616 : 2017/IEC 60065 : 2014 (clause 6.1)



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513	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Marking and instructions requirements	IS 616 : 2017/IEC 60065 : 2014 (clause 5)
514	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Mechanical strength	IS 616 : 2017/IEC 60065 : 2014 (clause 12)
515	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Provisions for protective earthing	IS 616 : 2017/IEC 60065 : 2014 (clause 15.2)
516	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Resistance to external forces	IS 616 : 2017/IEC 60065 : 2014 (clause 9.1.7)



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517	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Stability test	IS 616 : 2017/IEC 60065 : 2014 (clause 19)
518	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Stress relief test	IS 616 : 2017/IEC 60065 : 2014 (clause 12.1.6)
519	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Surge test	IS 616 : 2017/IEC 60065 : 2014 (clause 10.2)
520	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Touch current	IS 616 : 2017/IEC 60065 : 2014 (clause 9.1.1.2)



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521	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Vibration test	IS 616 : 2017/IEC 60065 : 2014 (clause 12.1.3)
522	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV all screen size, Power amplifiers with input power 2000W & above, Electronic Video games, optical disc player with built in amplifiers of input power 200 W & above , Wireless Headphone and Earphone, Electronic Musical systems with input power 200 W & above, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs , Power adaptor for Audio, Video and similar electronic apparatus etc	Withdrawal of mains plug	IS 616 : 2017/IEC 60065 : 2014 (clause 9.1.6)
523	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and similar electronic apparatus and component (LED/LCD/Plasma TV, power amplifiers, Video games, optical disc player , Wireless Headphone and Earphone, Electronic Musical Systems with input power less than 200 Watt, Television other than Plasma, LED, LCD TVs etc)	Provisions for protective earthing	IS 616 : 2017/IEC 60065 : 2014 (clause 15.2)
524	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Creepage distances and clearances	IS 15885(part 2/Section 13): 2012 Clause no.17
525	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Electric strength	IS 15885 (Part 2/Section13) : 2012 Clause no. 12
526	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Marking	IS 15885(part 2/Section 13): 2012 Clause no.7
527	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Moisture resistance and insulation	IS 15885(part 2/Section 13): 2012 Clause no.11
528	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Protection against accidental contact with live part	IS 15885(part 2/Section 13): 2012 Clause no.8
529	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Provision for earthing	IS 15885(part 2/Section 13): 2012 Clause no.10
530	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Provision for earthing	IS 15885(part 2/Section 13): 2012 Clause no.10
531	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Resistance to fire	IS 15885(part 2/Section 13): 2012 Clause no.18



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532	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Resistance to heat	IS 15885(part 2/Section 13): 2012 Clause no.18
533	ELECTRONICS- SAFETY TESTING FACILITY	D.C. or A.C. supplied electronic control gear for LED Modules	Transformer heating	IS 15885(part 2/Section 13): 2012 Clause no.15
534	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Abnormal operation	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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535	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Accessibility to live part	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
536	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Clearances, creepage distances and solid insulation	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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537	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Cord anchorage	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
538	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Electric strength	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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539	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Heating	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
540	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Impact test	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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541	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Input current	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
542	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Input current	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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543	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Leakage current	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
544	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Leakage current	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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545	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Marking and instructions	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
546	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Moisture resistance	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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547	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Power input	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
548	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Power input	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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549	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Provision for earthing	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
550	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Provision for earthing	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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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
551	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Resistance to fire - Glow wire test	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
552	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Resistance to heat - Ball pressure test	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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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
553	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Transient over voltages	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014
554	ELECTRONICS- SAFETY TESTING FACILITY	Household and similar electrical appliances (Electric iron, air cooler, air humidifier, ceiling fan, mixer/grinder, refrigerators, Induction stove, cooking range, hobs, Rice cooker etc.)	Stability	IEC-60335-1: 2013, 5.1 ed. IS 302-1 :2008, Amd No.1 Dec 2009 to IS 302-1 :2008 Amd No.2 Mar 2013 to IS 302-1 :2008 IS 302-2-25: 2012 IS 302-2-26: 2014 Part-2-2:2009, Part-2-7:2012, Part-2-8:2008, Part-2-10:2008, Part-2-14:2008, Part-2-17:2012, Part-2-21:2009, Part-2-24:2010, Part-2-26:2008, Part-2-29:2010, Part-2-35:2006, Part-2-40:2005, Part-2-41:2010, Part-2-73:2009, Part-2-74:2009, Part-2-79:2012, Part-2-80:2008, Part 2-6 : 2014, Part 2 -15:2014



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555	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	abnormal operations	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 5.3.1)
556	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Access to energize parts	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 2.1.1.1)
557	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Clearances and Creepage distances	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 2.10)



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558	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	discharge of capacitor	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 2.1.1.7)
559	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	drop test	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 4.2.6)
560	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Durability	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 1.7.11)



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561	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Electrical strength	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 5.2)
562	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Energy hazard	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 2.1.1.5)
563	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Humidity conditioning	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 2.9.2)



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564	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Impact test	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 4.2..5)
565	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Impulse test	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 6.2.1)
566	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Input current	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 1.6.2)



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567	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Input Current	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 1.6.2)
568	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Input Power	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 1.6.2)
569	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	limited power source measurement test	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 1.6.2)



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570	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	resistance to abnormal heat	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 4.5.5)
571	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Stability test	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 4.1)
572	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	steady force test	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 3.1.5, 3.1.9, 4.2.2, 4.2.4)



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573	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	stress relief test	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 4.2.7)
574	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	temperature tests	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 4.5.2)
575	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Touch current	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 5.1)



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576	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Touch current	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 5.1)
577	ELECTRONICS- SAFETY TESTING FACILITY	Information Technology equipment (computer system, Laptop, Notebook, Tablet, VDU units, Video monitors of screen size 32 " & above, printers, plotters, scanners, wireless keyboards, telephone answering machine, set top box, automatic data processing machine, power adapters for audio & IT, mobile phones, cash registers, point of sale terminals, copying board & coated machine , smart card reader, passport reader, Mail Processing Machine/ postage machines/ Franking Machine, power banks for use in portable application, Keyboards, Automatic Teller cash Dispensing Machines, USB Type external Hard Disc Drive, USB Type external solid state storage devices above 256 GB capacity, Standalone switch mode power supply with output voltage 48 V Max. etc	Voltage surge test	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 7.4.2)
578	ELECTRONICS- SAFETY TESTING FACILITY	information Technology equipment (computer system, monitors, printers, scanners, keyboards, telephone and automatic data processing machine, power adapters, mobile phone, cash registers, copying machine, smart card reader, passport reader, power banks for use in portable application	Resistance of earthing conductor	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 2.6.3.4)
579	ELECTRONICS- SAFETY TESTING FACILITY	information Technology equipment (computer system, monitors, printers, scanners, keyboards, telephone and automatic data processing machine, power adapters, mobile phone, cash registers, copying machine, smart card reader, passport reader, power banks for use in portable application	resistance of earthing conductor	IEC-60950-1: 2013, edition 2.2. IS 13252:2010 + A1:2013 + A2:2015 (clause 2.6.3.4)
580	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Accessibility	IEC-61010-1: 3.1 ED (clause 6.2)
581	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	capacitive discharge test	IEC-61010-1: 3.1 ED (clause 6.6.2, 6.10.3)



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582	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	cord anchorages	IEC-61010-1: 3.1 ED(clause 6.10.2.2)
583	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Drop test	IEC-61010-1: 3.1 ED(clause 8.3)
584	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Durability of markings	IEC-61010-1: 3.1 ED(clause 5.3)
585	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Humidity conditioning	IEC-61010-1: 3.1 ED(clause 6.8.2)
586	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Impact test	IEC-61010-1: 3.1 ED(clause 8.2.2)
587	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Impedance of protective bonding	IEC-61010-1: 3.1 ED(clause 6.5.2.3,6.5.2.4,6.5.2.5,6.5.2.6, 6.5.4)
588	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Impedance of protective bonding	IEC-61010-1: 3.1 ED(clause 6.5.2.3,6.5.2.4,6.5.2.5,6.5.2.6, 6.5.4)
589	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Impulse withstand voltage test	IEC-61010-1: 3.1 ED(clause 6.8.3.3)
590	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Input current/Power input frequency	IEC-61010-1: 3.1 ED(clause 5.1.3)
591	ELECTRONICS- SAFETY TESTING FACILITY	measurement, control and laboratory equipment	input current/power input frequency	IEC-61010-1: 3.1 ED (clause 5.1.3)
592	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Input current/Power input frequency	IEC-61010-1: 3.1 ED(clause 5.1.3)
593	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Input Current/Power input frequency	IEC-61010-1: 3.1 ED(clause 5.1.3)
594	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	insulating material ball pressure test	IEC-61010-1: 3.1 ED(clause 10.5.3)
595	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Insulation requirements-creepage distances and clearance	IEC-61010-1: 3.1 ED(clause 6.7, 10.5.1)
596	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	ionizing radiation	IEC-61010-1: 3.1 Ed (clause 12.2.1)
597	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Limit values for accessible parts	IEC-61010-1: 3.1 ED(clause 6.3)
598	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Limited energy circuit	IEC-61010-1: 3.1 ED(clause 9.4)



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599	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Residual Energy	IEC-61010-1: 3.1 ED(clause 6.1.1)
600	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Resistance to elevated temperature	IEC-61010-1: 3.1 ED(clause 10.5.2)
601	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	sound pressure level	IEC-61010-1: 3.1 ED(clause 12.5.1)
602	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	stability test	IEC-61010-1: 3.1 ED(clause 7.4)
603	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Static test	IEC-61010-1: 3.1 ED(clause 8.2.1)
604	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Strength of Handle	IEC-61010-1: 3.1 ED(clause 7.5)
605	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	surface temperature limits for protection against burns	IEC-61010-1:3.1 ED(clause 10.1)
606	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Touch current	IEC-61010-1: 3.1 ED(clause 6.2.2)
607	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	Touch current	IEC-61010-1: 3.1 ED(clause 6.2.2)
608	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	vicat softening test	IEC-61010-1: 3.1 ED(clause 10.5.3)
609	ELECTRONICS- SAFETY TESTING FACILITY	Measurement, control and laboratory equipment	voltage test	IEC-61010-1: 3.1 ED(clause 6.8.3)
610	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Accessibility	IEC 60255-27 Edition 2.0 2013-10 Clause no.5.1.5
611	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Bonding of protective conductor	IEC 60255-27 Edition 2.0 2013-10 Clause no.5.1.6
612	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Bonding of protective conductor	IEC 60255-27 Edition 2.0 2013-10 Clause no.5.1.6
613	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Clearances and creepage distances	IEC 60255-27 Edition 2.0 2013-10 Clause no.5.1.10
614	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Direct voltage test	IEC 60255-27 Edition 2.0 2013-10 Clause no.10.6.4.3
615	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Discharge of capacitors	IEC 60255-27 Edition 2.0 2013-10 Clause no.5.1.3
616	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Insulation resistance	IEC 60255-27 Edition 2.0 2013-10 Clause no.10.6.4.4



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617	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Insulation resistance	IEC 60255-27 Edition 2.0 2013-10 Clause no.10.6.4.4
618	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Leakage current	IEC 60255-27 Edition 2.0 2013-10 Clause no.5.1.8
619	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Leakage current	IEC 60255-27 Edition 2.0 2013-10 Clause no.5.1.8
620	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Limited energy circuit	IEC 60255-27 Edition 2.0 2013-10 Clause no.7.12
621	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Marking durability	IEC 60255-27 Edition 2.0 2013-10 Clause no.9.1.11
622	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Protection against electric shock	IEC 60255-27 Edition 2.0 2013-10 Clause no.5
623	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Single fault condition	IEC 60255-27 Edition 2.0 2013-10 Clause no.5.2
624	ELECTRONICS- SAFETY TESTING FACILITY	Measuring relays and protection equipment-Product Safety requirement	Temperature under normal operation	IEC 60255-27 Edition 2.0 2013-10 Clause no.7.3.12
625	ELECTRONICS- SAFETY TESTING FACILITY	Measuring, Control and laboratory equipment	fault conditioning	IEC-61010-1: 3.1 ed clause 4.4)
626	ELECTRONICS- SAFETY TESTING FACILITY	Safety of machinery -electrical equipment of machines	Insulation resistance test	IEC-60204-1, ED 6.0 clause no 18
627	ELECTRONICS- SAFETY TESTING FACILITY	Safety of machinery -electrical equipment of machines	Insulation resistance test	IEC-60204-1, edition 5.1: 2009 clause no 18
628	ELECTRONICS- SAFETY TESTING FACILITY	Safety of machinery -electrical equipment of machines	Residual voltage test	IEC-60204-1, ED 6.0 clause no 18
629	ELECTRONICS- SAFETY TESTING FACILITY	Safety of machinery -electrical equipment of machines	Verification of the continuity of the bonding circuit	IEC-60204-1, ED 6.0 clause no 18
630	ELECTRONICS- SAFETY TESTING FACILITY	Safety of machinery -electrical equipment of machines	Verification of the continuity of the bonding circuit	IEC-60204-1, edition 5.1: 2009 clause no 18
631	ELECTRONICS- SAFETY TESTING FACILITY	Safety of machinery -electrical equipment of machines	Voltage test	IEC-60204-1, ED 6.0 clause no 18
632	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Accessibility to live part	IEC-61558-1, Edition 2.1, 2009 (clause no. 9.1)
633	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Components	IEC-61558-1, Edition 2.1, 2009 (clause no. 20.0)
634	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Construction	IEC-61558-1, Edition 2.1, 2009 (clause no. 19.0)



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635	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Creepage distances, clearances and distance through insulation	IEC-61558-1, Edition 2.1, 2009 (clause no. 26.0)
636	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Dielectric strength test	IEC-61558-1, Edition 2.1, 2009 (clause no. 18.3)
637	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Electrical discharge	IEC-61558-1, Edition 2.1, 2009 (clause no. 9.2)
638	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Heating	IEC-61558-1, Edition 2.1, 2009 (clause no. 14.0)
639	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Humidity treatment	IEC-61558-1, Edition 2.1, 2009 (clause no. 17.2)
640	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Insulation resistance	IEC-61558-1, Edition 2.1, 2009 (clause no. 18.2)
641	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Insulation resistance	IEC-61558-1, Edition 2.1, 2009 (clause no.18.2)
642	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Marking and other information	IEC-61558-1, Edition 2.1, 2009 (clause no. 8)
643	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Mechanical strength	IEC-61558-1, Edition 2.1, 2009 (clause no.16.0)
644	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Output current under load	IEC-61558-1, Edition 2.1, 2009 (clause no. 11)
645	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Output current under load	IEC-61558-1, Edition 2.1, 2009 (clause no. 11.0)
646	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Output voltage	IEC-61558-1, Edition 2.1, 2009 (clause no. 11.0)
647	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Output voltage	IEC-61558-1, Edition 2.1, 2009 (clause no. 11.0)
648	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Provision for protective earthing	IEC-61558-1, Edition 2.1, 2009 (clause no. 24.0)
649	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Provision for protective earthing	IEC-61558-1, Edition 2.1, 2009 (clause no. 24.0)
650	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Resistance to abnormal heat under fault condition	IEC-61558-1, Edition 2.1, 2009 (clause no. 27.2)
651	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Resistance to fire	IEC-61558-1, Edition 2.1, 2009 (clause no. 27.3)
652	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Resistance to heat	IEC-61558-1, Edition 2.1, 2009 (clause no. 27.1)



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653	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Short circuit and overload protection	IEC-61558-1, Edition 2.1, 2009 (clause no. 15.0)
654	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Touch current	IEC-61558-1, Edition 2.1, 2009 (clause no. 18.5)
655	ELECTRONICS- SAFETY TESTING FACILITY	Safety of power transformers	Touch current	IEC-61558-1, Edition 2.1, 2009 (clause no. 18.5)
656	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Clearances and creepage distances	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.5.7)
657	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Discharge of capacitors	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.5.1.1)
658	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Earth leakage	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.8.1)
659	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Earth leakage	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.8.1)
660	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Electric strength test	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.8.2)
661	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Marking and instruction	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.4.7)
662	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Mechanical strength	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.7.3)
663	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Power interfaces	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.4.6)
664	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Power interfaces	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.4.6)
665	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Power interfaces	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.4.6)
666	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Power interfaces	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.4.6)



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667	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Protection against electric shock & energy hazard	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.5.1)
668	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Protective earthing	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.5.3)
669	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Protective earthing	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.5.3)
670	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Stability	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.7.2)
671	ELECTRONICS- SAFETY TESTING FACILITY	Uninterruptible power systems (UPS)	Temperature rise	IS 16242(part 1): 2014/ IEC62040-1: 2008 (clause no.7.7)



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CERTIFICATE OF ACCREDITATION

ELECTRONICS REGIONAL TEST LABORATORY (WEST)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PLOT NO. F-7 & 8, MIDC AREA, ANDHERI-EAST, GOVERNMENT OF INDIA, MINISTRY OF ELECTRONICS
& INFORMATION TECHNOLOGY, STQC DIRECTORATE, MUMBAI, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-5435

Issue Date: 13/01/2020

Valid Until:

17/12/2020*

*The validity is extended for one year up to 17.12.2021

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : ELECTRONICS REGIONAL TEST LABORATORY (WEST)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer