National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS TEST AND DEVELOPMENT CENTRE, DR. VSI ESTATE, THIRUVANMIYUR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 28/02/2023 to 27/02/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Case	IS 15884 Cl. 4.2.2
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Clearance & creepage distances	IS 15884 Cl. 4.2.6
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Display of measured values and output device	IS 15884 Cl. 4.2.10
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	General mechanical requirements	IS 15884 Cl. 4.2.1
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Insulating encased meter	IS 15884 Cl. 4.2.7
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Marking of meter	IS 15884 Cl. 4.2.11
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Protection against penetration of dust & water	IS 15884 Cl. 4.2.9
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Resistance to heat & fire	IS 15884 Cl. 4.2.8
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Terminal cover(s)	IS 15884 Cl. 4.2.5
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Terminals, Terminal block(s) & Protective earth terminal	IS 15884 Cl. 4.2.4

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct Connected Static Prepayment meters for Active Energy, Class 1 & 2	Window	IS 15884 Cl. 4.2.3
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	a.c. high voltage test (@ 50 Hz)	IS 16444-2:2017+A1:2019 Cl.6.10.6
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Impulse Voltage Test	IS 16444-2:2017+A1:2019 Cl.6.10.6
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Insulation Resistance Test	IS 16444-2:2017+A1:2019 Cl.6.10.6
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Interpretation of test results	IS16444-2:2017+A1:2019 Cl.6.12: 2021
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of ambient temperature influence	IS16444-2:2017+A1:2019 Cl.6.12
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence of heating	IS 16444-2:2017+A1:2019 Cl.6.10.5
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence of immunity to earth/phase fault	IS 16444-2:2017+A1:2019 Cl.6.10.7
19	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence of self-heating	IS 16444-2:2017+A1:2019 Cl.6.10.4
20	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence of short-time over currents	IS 16444-2:2017+A1:2019 Cl.6.10.3
21	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence of supply voltage	IS 16444-2:2017+A1:2019 Cl.6.10.2

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22	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities: Electromagnetic HF Fields; Electrical fast transient burst; Harmonic components in the current & voltage circuits; Odd harmonics in the a.c. current circuit; Sub-harmonics in the a.c. current circuit	IS16444-2:2017+A1:2019 Cl.6.12
23	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IS16444-2:2017+A1:2019 Cl.6.12
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IS16444-2:2017+A1:2019 Cl.6.12
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of meter constant	IS16444-2:2017+A1:2019 Cl.6.12
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of no-load condition	IS16444-2:2017+A1:2019 Cl.6.12
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of power consumption	IS 16444-2:2017+A1:2019 Cl.6.10.1
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of repeatability of error	IS 16444-2:2017+A1:2019 Cl.6.12

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29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of resistance to heat and fire	IS 16444-2:2017+A1:2019 Cl.6.5
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of starting condition	IS16444-2:2017+A1:2019 Cl.6.12
31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Tests on limits of error	IS16444-2:2017+A1:2019 Cl.6.12
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	a.c. high voltage test (@ 50 Hz)	IS 14697:2021 Cl.12.7.6, Cl.12.7.6.3
33	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Clearance & creepage distances	IS14697 Cl. 6.6
34	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Electrical fast transient burst	Cl. 12.8.4 IS 14697
35	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	General, Meter Case	IS14697 Cl. 6.1 & 6.2
36	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Impulse Voltage Test	IS 14697:2021 Cl.12.7.6, Cl.12.7.6.2 (IS 2071-1)
37	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Insulating encased cover	IS14697 Cl. 6.7
38	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Insulation Resistance Test	IS 14697:2021 Cl.12.7.6, Cl.12.7.6.4
39	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Interpretation of test results	IS 14697:2021 Cl.12.9, Cl.12.15

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40	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Marking of meters	IS14697 Cl. 7.0
41	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Output device	IS14697 Cl. 6.11
42	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Protection against penetration of dust & water	IS14697 Cl. 6.9
43	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Resistance to heat & fire	IS14697 Cl. 6.8
44	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Terminal cover(s)	IS14697 Cl. 6.5
45	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Terminals, Terminal Block(s), & Protective earth terminal	IS14697 Cl. 6.4
46	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of ambient temperature influence	IS 14697:2021 Cl.12.9, Cl.12.11
47	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of influence of heating	IS 14697:2021 Cl.12.7, Cl.12.7.5
48	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of influence of immunity to earth/phase fault	IS 14697:2021 Cl.12.7, Cl.12.17
49	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of influence of self-heating	IS 14697:2021 Cl.12.7, Cl.12.7.4
50	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of influence of short-time over currents	IS 14697:2021 Cl.12.7, Cl.12.7.3

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51	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of influence of supply voltage	IS 14697:2021 Cl.12.7, Cl.12.7.2
52	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of influence quantities: Harmonic components in the current & voltage circuits; Odd harmonics in the a.c. current circuit; Sub-harmonics in the a.c. current circuit	IS 14697:2021 Cl.12.9, Cl.12.10
53	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IS 14697:2021 Cl.12.9, Cl.12.10
54	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IS 14697:2021 Cl.12.9, Cl.12.10
55	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of meter constant	IS 14697:2021 Cl.12.9, Cl.12.14
56	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of no-load condition	IS 14697:2021 Cl.12.9, Cl.12.12
57	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of power consumption	IS 14697:2021 Cl.12.7, Cl.12.7.1
58	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of repeatability of error	IS 14697:2021 Cl.12.9, Cl.12.16

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59	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of resistance to heat and fire	IS 14697:2021 Cl.12.4 (IS 110000-2-1)
60	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Test of starting condition	IS 14697:2021 Cl.12.9, Cl.12.13
61	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Tests on limits of error	IS 14697:2021 Cl.12.9, Cl.11.1
62	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters (class 0.2S, 0.5S and 1S)	Window	IS14697 Cl. 6.3
63	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour meters & Smart meters, Class 1 & 2	Clearance & creepage distances	IS 16444 Cl. 6.3: 2015 / IS 13779 Cl. 6.6
64	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour meters & Smart meters, Class 1 & 2	Display of values	IS 16444 Cl. 6.6: 2015 / IS 13779 Cl. 6.10
65	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour meters & Smart meters, Class 1 & 2	General and constructional requirements	IS 16444 Cl. 6.2
66	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour meters & Smart meters, Class 1 & 2	Marking of smart meters	IS 16444 Cl. 6.8: 2015 / IS 13779 Cl. 7.0
67	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour meters & Smart meters, Class 1 & 2	Mechanical requirements	IS 16444 Cl. 6.5: 2015 / IS 13779 Cl. 6.9
68	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour meters & Smart meters, Class 1 & 2	Metering requirements	IS 16444 Cl. 6.1
69	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour meters & Smart meters, Class 1 & 2	Output device	IS 16444 Cl. 6.7: 2015 / IS 13779 Cl. 6.11

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70	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour meters & Smart meters, Class 1 & 2	Resistance to heat & fire	IS 16444 Cl. 6.4: 2015 / IS 13779 Cl. 6.8
71	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	a.c. high voltage test (@ 50 Hz)	IS 13779:2020 Cl.12.7.6, Cl.12.7.6.3
72	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Clearance & creepage distances	IS 13779 Cl. 6.6
73	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Display of values	IS 13779 Cl. 6.10
74	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Electrical fast transient burst	Cl. 12.9.4 IS 13779
75	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	General and constructional requirements: General	IS 13779 Cl. 6.1
76	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Impulse Voltage Test	IS 13779:2020 Cl.12.7.6, Cl.12.7.6.2 (IS 2071-1)
77	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Influence of Electrical fast transient burst	IS 16444:2015+A1:2017+A2:2019 / Cl. 12.9.4 IS 13779
78	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Influence of Surge immunity test	IS 16444:2015+A1:2017+A2:2019 / Cl. 12.9.5 IS 13779
79	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Insulating encased meter	IS 13779 Cl. 6.7
80	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Insulation Resistance Test	IS 13779:2020 Cl.12.7.6, Cl.12.7.6.4

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81	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Interpretation of test results	IS 13779 Cl.12.10, Cl.12.16
82	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Interpretation of test results	IS 16444:2015+A1:2017+A2:2019 Cl.6.12 / IS 13779:2020 / IS 15884
83	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Marking of meters	IS 13779 Cl. 7.0
84	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Meter Case	IS 13779 Cl. 6.2
85	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Output device	IS 13779 Cl. 6.11
86	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Protection against penetration of dust & water	IS 13779 Cl. 6.9
87	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Resistance to heat & fire	IS 13779 Cl. 6.8
88	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Surge immunity test	Cl. 12.9.5 IS 13779
89	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Terminal cover(s)	IS 13779 Cl. 6.5
90	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Terminals, Terminal Block(s), & Protective earth terminal	IS 13779 Cl. 6.4
91	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of ambient temperature influence	IS 16444:2015+A1:2017+A2:2019 Cl.6.12 / IS 13779:2020 / IS 15884

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92	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of ambient temperature influence	IS 13779 Cl.12.10, Cl.12.12
93	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of influence of heating	IS 13779:2020 Cl.12.7, Cl.12.7.5
94	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of influence of immunity to earth/phase fault	IS 13779:2020 Cl.12.8
95	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of influence of self-heating	IS 13779:2020 Cl.12.7, Cl.12.7.4
96	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of influence of short-time over currents	IS 13779:2020 Cl.12.7, Cl.12.7.3
97	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of influence of supply voltage	IS 13779:2020 Cl.12.7, Cl.12.7.2
98	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IS 16444:2015+A1:2017+A2:2019 Cl.6.12; RD IS 13779; RD IS 15884
99	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IS 13779 Cl.12.10, Cl.11.2, Cl.12.11

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100	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of power consumption	IS 13779:2020 Cl.12.7, Cl.12.7.1
101	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Test of resistance to heat and fire	IS 13779:2020 Cl.12.4 (IS 110000-2-1)
102	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watthour Meters, Class 1 and 2	Window	IS 13779 Cl. 6.3
103	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	a.c. high voltage test (@ 50 Hz)	IS 15884:2010 Cl.5.4.6.3
104	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	a.c. high voltage test (@ 50 Hz)	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.6
105	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Impulse Voltage Test	IS 15884:2010 Cl.5.4.6.2
106	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Impulse Voltage Test	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.6
107	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Insulation Resistance Test	IS 15884:2010 Cl.5.4.6.4
108	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Insulation Resistance Test	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.6
109	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of heating	IS 15884:2010 Cl.5.4.5
110	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of heating	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.5

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111	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of immunity to earth/phase fault	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.7
112	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of self-heating	IS 15884:2010 Cl.5.4.4
113	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of self-heating	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.4
114	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of short-time over currents	IS 15884:2010 Cl.5.4.3
115	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of short-time over currents	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.3
116	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of supply voltage	IS 15884:2010 Cl.4.4.2, Cl.5.4.2
117	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of influence of supply voltage	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.2
118	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of power consumption	IS 15884:2010 Cl.5.4.1
119	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of power consumption	IS 16444:2015+A1:2017+A2:2019 Cl.6.10.1
120	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of resistance to heat and fire	IS 15884:2010 Cl.5.2.4 (IS 11000-2-1)
121	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of resistance to heat and fire	IS 16444:2015+A1:2017+A2:2019 Cl.6.5

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122	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Electrical fast transient burst	Cl. 5.5.4 IS 15884
123	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Interpretation of test results	IS 15884 Cl.5.6.6
124	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Surge immunity test	Cl. 5.5.6 IS 15884
125	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of ambient temperature influence	IS 15884 Cl.5.6, Cl.4.6.3
126	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IS 15884 Cl.5.6, Cl.4.6.2
127	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IS 13779 Cl.12.10, Cl.11.2, Cl.12.11
128	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IS 15884 Cl.5.6, Cl.4.6.2

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129	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IS 16444:2015+A1:2017+A2:2019 Cl.6.12; RD IS 13779; RD IS 15884
130	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of meter constant	IS 13779 Cl.12.10, Cl.12.15
131	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of meter constant	IS 15884 Cl.5.6.5
132	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of meter constant	IS 16444:2015+A1:2017+A2:2019 Cl.6.12; RD IS 13779; RD IS 15884
133	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of no-load condition	IS 13779 Cl.12.10, Cl.12.13
134	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of no-load condition	IS 15884 Cl.5.6.3
135	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of no-load condition	IS 16444:2015+A1:2017+A2:2019 Cl.6.12; RD IS 13779; RD IS 15884
136	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of repeatability of error	IS 15884 Cl.5.6.7
137	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of repeatability of error	IS 13779 Cl.12.17

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138	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of repeatability of error	IS 16444:2015+A1:2017+A2:2019 Cl.6.12; RD IS 13779; RD IS 15884
139	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of starting condition & initial start-up test	IS 13779 Cl.12.10, Cl.12.14, Cl.11.4.1
140	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of starting condition & initial start-up test	IS 15884 Cl.5.6.4
141	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test of starting condition & initial start-up test	IS 16444:2015+A1:2017+A2:2019 Cl.6.12; RD IS 13779; RD IS 15884
142	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test on limits of error	IS 13779 Cl.12.10, Cl.11.1
143	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test on limits of error	IS 15884 Cl.5.6, Cl.4.6.1
144	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy Meters Class 1 & 2 for Active Power/Energy	Test on limits of error	IS 16444:2015+A1:2017+A2:2019 Cl.6.12; RD IS 13779; RD IS 15884
145	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	a.c. high voltage test (@ 50 Hz)	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.3.3
146	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Electrical fast transient burst	Cl. 7.5.4 IEC 62052-11: 2003 / IEC 62053-22
147	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Impulse Voltage Test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.3.2 (IEC 60060-1
148	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Interpretation of test results	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.6

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149	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of ambient temperature influence	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
150	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of influence of heating	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.2
151	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of influence of immunity to earth/phase fault	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.4
152	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of influence of self-heating	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.3
153	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of influence of short-time over currents	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.2
154	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of influence of supply voltage	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.1.2
155	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of influence quantities: Harmonic components in the current & voltage circuits; Odd harmonics in the a.c. current circuit; Sub-harmonics in the a.c. current circuit	IEC 62053-22:2003(A1:2016) Reference Document IEC 62052-11:2003(A1:2016) Cl.8.2
156	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2

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157	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
158	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of meter constant	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.4
159	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of no-load condition	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.3.2
160	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of power consumption	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.1
161	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of resistance to heat and fire	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.8 (IEC 60695-2-11)
162	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Test of starting condition	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.3.2
163	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 0.2 S and 0.5 S)	Tests on limits of error	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.1
164	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	a.c. high voltage test (@ 50 Hz)	IEC 62053-21:2003+A1:2016, Cl.7.3.3
165	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Clearance & creepage distances	IEC 62052-11 Cl. 5.6

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166	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Display of measured values	IEC 62052-11 Cl. 5.10
167	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Electrical fast transient burst	Cl. 7.5.4 IEC 62052-11
168	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	General and constructional requirements: General mechanical requirements	IEC 62052-11 Cl. 5.1
169	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Impulse Voltage Test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.3.2 (IEC 60060-1)
170	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Insulating encased meter	IEC 62052-11 Cl. 5.7
171	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Interpretation of test results	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.6
172	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Interpretation of test results	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.6
173	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Marking of meters	IEC 62052-11 Cl. 5.12
174	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Meter Case	IEC 62052-11 Cl. 5.2
175	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Output device	IEC 62052-11 Cl. 5.11
176	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Protection against penetration of dust & water	IEC 62052-11 Cl. 5.9

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177	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Resistance to heat & fire	IEC 62052-11 Cl. 5.8
178	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Shock test	IEC 62052-11 Cl. 5.2.2.2
179	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Spring hammer test	IEC 62052-11 Cl. 5.2.2.1
180	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Terminals, Terminal Block(s), & Protective earth terminal, Terminal cover(s)	IEC 62052-11 Cl. 5.4 & 5.5
181	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of ambient temperature influence	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
182	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of ambient temperature influence	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
183	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence of heating	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.2
184	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence of immunity to earth/phase fault	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.4
185	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence of self-heating	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.3
186	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence of short-time over currents	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.2
187	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence of supply voltage	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.1.2

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188	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
189	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence quantities: Harmonic components in the current & voltage circuits; Odd harmonics in the a.c. current circuit; Sub-harmonics in the a.c. current circuit	IEC 62053-21(A1:2016)
190	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence quantities: Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
191	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
192	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2

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193	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of meter constant	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.4
194	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of meter constant	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.4
195	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of no-load condition	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.3.2
196	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of no-load condition	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.3.2
197	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of power consumption	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.1
198	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of resistance to heat and fire	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.8 (IEC 60695-2-11)
199	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of starting condition	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.3.2
200	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test of starting condition & initial start-up test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.3.3, Cl.8.3.1
201	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Test on limits of error	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.1
202	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (Classes 1 and 2)	Tests on limits of error	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.1
203	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Vibration	IEC 62052-11 Cl. 5.2.2.3

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204	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for active energy (classes 1 and 2)	Window	IEC 62052-11 Cl. 5.3
205	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	a.c. high voltage test (@ 50 Hz)	IEC 62053-23:2003+A1:2016; / IEC 62052-11:2003+A1:2016 Cl.7.3.3
206	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Electrical fast transient burst	Cl. 7.5.4 IEC 62052-11 / IEC 62053-23
207	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Impulse Voltage Test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.3.2 (IEC 60060-1
208	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Interpretation of test results	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.6
209	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of ambient temperature influence	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
210	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of influence of heating	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.2
211	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of influence of immunity to earth/phase fault	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.4
212	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of influence of self-heating	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.3
213	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of influence of short-time over currents	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.2
214	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of influence of supply voltage	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.1.2

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215	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of influence quantities: Harmonic components in the current & voltage circuits; Odd harmonics in the a.c. current circuit; Sub-harmonics in the a.c. current circuit	Cl.8.2 IEC 62053-23(A1:2016)
216	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of influence quantities: Voltage Variation; Frequency Variation; Waveform - 10% of 3rd harmonic in the current; Reverse phase sequence; Voltage unbalance; d.c. and even harmonics in AC current circuit; Operation of accessories	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
217	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of influence quantities- Continuous magnetic induction of external origin 67mT (1000AT), Magnetic induction of external origin 0.5mT (400AT), Continuous abnormal magnetic induction of external origin 0.2T (10000AT), Abnormal ac magnetic induction of external origin 10mT (2800AT)	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.2
218	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of meter constant	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.4
219	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of no-load condition	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.3.2
220	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of power consumption	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.1
221	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of resistance to heat and fire	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.8 (IEC 60695-2-11)
222	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Test of starting condition	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.3.2

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223	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - Static meters for reactive energy (classes 2 and 3)	Tests on limits of error	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.8.1
224	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy	Fast transient burst test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.4 (IEC 61000-4-4)
225	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy	Surge Immunity Test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.6 (IEC 61000-4-5)
226	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy	Test of immunity to electrostatic discharges	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.2 (IEC 61000-4-2)
227	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy	Voltage dips & interrupts (PQF)	IEC 62053-22 / IEC 62052-11
228	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy	Fast transient burst test	IS 16444-2:2017+A1:2019 Cl.6.11
229	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy	Surge Immunity Test	IS 16444-2:2017+A1:2019 Cl.6.11
230	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy	Test of immunity to electrostatic discharges	IS 16444-2:2017+A1:2019 Cl.6.11
231	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy	Voltage dips & interrupts (PQF)	IS 14697 Cl.12.7.2
232	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy	Voltage dips & interrupts (PQF)	IS 16444-2
233	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Fast transient burst test	IS 14697:2021 Cl.12.8, Cl.12.8.4 (IS 14700-4-4)
234	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Surge Immunity Test	IS 14697:2021 Cl.12.8, Cl.12.8.5 (IS 14700-4-5)
235	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Test of immunity to electrostatic discharges	IS 14697:2021 Cl.12.8, Cl.12.8.2 (IS 14700-4-2)

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236	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Fast transient burst test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.4 (IEC 61000-4-4)
237	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Fast transient burst test	IS 13779:2020 Cl.12.9, Cl.12.9.4 (IS 14700-4-4)
238	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Fast transient burst test	IS 15884:2010 Cl.5.5.4
239	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Fast transient burst test	IS 16444:2015+A1:2017+A2:2019 Cl.6.11
240	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Surge Immunity Test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.6 (IEC 61000-4-5)
241	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Surge Immunity Test	IS 13779:2020 Cl.12.9, Cl.12.9.5 (IS 14700-4-5)
242	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Surge Immunity Test	IS 15884:2010 Cl.5.5.6
243	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Surge Immunity Test	IS 16444:2015+A1:2017+A2:2019 Cl.6.11
244	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of immunity to electrostatic discharges	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.2 (IEC 61000-4-2)
245	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of immunity to electrostatic discharges	IS 13779:2020 Cl.12.9, Cl.12.9.2 (IS 14700-4-2)
246	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of immunity to electrostatic discharges	IS 15884:2010 Cl.5.5.2
247	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Test of immunity to electrostatic discharges	IS 16444:2015+A1:2017+A2:2019 Cl.6.11
248	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Voltage dips & interrupts (PQF)	IEC 62053-21 / IEC 62052-11
249	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Voltage dips & interrupts (PQF)	IS 13779 Cl.12.7.2
250	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Voltage dips & interrupts (PQF)	IS 15884
251	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy	Fast transient burst test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.4 (IEC 61000-4-4)

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252	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy	Surge Immunity Test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.6 (IEC 61000-4-5)
253	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy	Test of immunity to electrostatic discharges	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.7.5.2 (IEC 61000-4-2)
254	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy	Voltage dips & interrupts (PQF)	IEC 62053-23 / IEC 62052-11
255	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class1 & 2 for Active Power/Energy	Voltage dips & interrupts (PQF)	IS 16444 Cl.6.10.2
256	ELECTRONICS- EMC TEST FACILITY	Electrical/electronic/electro-mechanical/medical equipment system/sub-system/devices/Information technology equipment	Electrical Fast Transient (Burst)	IEC 61000-4-4
257	ELECTRONICS- EMC TEST FACILITY	Electrical/electronic/electro-mechanical/medical equipment system/sub-system/devices/Information technology equipment	Electro Static Discharge Test	IEC 61000-4-2:2008
258	ELECTRONICS- EMC TEST FACILITY	Electrical/electronic/electro-mechanical/medical equipment system/sub-system/devices/Information technology equipment	Power Frequency (50 Hz) Magnetic Field	IEC 61000-4-8
259	ELECTRONICS- EMC TEST FACILITY	Electrical/electronic/electro-mechanical/medical equipment system/sub-system/devices/Information technology equipment	Surge test	IEC 61000-4-5
260	ELECTRONICS- EMC TEST FACILITY	Electrical/electronic/electro-mechanical/medical equipment system/sub-system/devices/Information technology equipment	Voltage dips & interrupts (PQF)	IEC 61000-4-11
261	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meter - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Spring hammer test	IS 14697:2021 Cl.12.3, Cl.12.3.3 (IEC 60068-2-75)
262	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S & 0.5S for Active Power/Energy	Damp heat cyclic test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.3 (IEC 60068-2-30)
263	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S & 0.5S for Active Power/Energy	Dry heat test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.1 (IEC 60068-2-2)
264	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S & 0.5S for Active Power/Energy	Spring hammer test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.1 (IEC 60068-2-75)
265	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S & 0.5S for Active Power/Energy & Electrical/Electronic Equipment	Shock test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.2 (IEC 60068-2-27)

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266	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S & 0.5S for Active Power/Energy & Electrical/Electronic Equipment	Vibration Test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.3 (IEC 60068-2-6)
267	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Cold test	IS 14697:2021 Cl.12.6, Cl.12.6.2 (IS 9000-2-3)
268	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Cold test	IS 16444-2:2017+A1:2019 Cl.6.9
269	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Damp heat cyclic test	IS 14697:2021 Cl.12.6, Cl.12.6.3 (IS 9000-5-2)
270	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Damp heat cyclic test	IS 16444-2:2017+A1:2019 Cl.6.9
271	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Dry heat test	IS 14697:2021 Cl.12.6, Cl.12.6.1 (IS 9000-3-3)
272	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Dry heat test	IS 16444-2:2017+A1:2019 Cl.6.9
273	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Protection against penetration of dust and water	IS 14697:2021 Cl.12.5 (IS/IEC 60529)
274	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Protection against penetration of dust and water	IS 16444-2:2017+A1:2019 Cl.6.5
275	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Shock test	IS 14697:2021 Cl.12.3, Cl.12.3.1 (IS 9000-7-1)
276	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Shock test	IS 16444-2:2017+A1:2019 Cl.6.5

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277	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Spring hammer test	IS 16444-2:2017+A1:2019 Cl.6.5
278	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Vibration Test	IS 14697:2021 Cl.12.3, Cl.12.3.2 (IS 9000-8)
279	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 0.2S, 0.5S for Active Power/Energy, Class 0.2S, 0.5S, 1S for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Vibration Test	IS 16444-2:2017+A1:2019 Cl.6.5
280	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Cold test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.2 (IEC 60068-2-1)
281	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Cold test	IS 13779:2020 Cl.12.6, Cl.12.6.2 (IS 9000-2-3)
282	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Cold test	IS 16444:2015+A1:2017+A2:2019 Cl.6.9
283	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Damp heat cyclic test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.3 (IEC 60068-2-30)
284	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Damp heat cyclic test	IS 13779:2020 Cl.12.6, Cl.12.6.3 (IS 9000-5-2)
285	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Damp heat cyclic test	IS 15884:2010 Cl.5.3.3 (IS 9000-5-1)
286	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Damp heat cyclic test	IS 16444:2015+A1:2017+A2:2019 Cl.6.9
287	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Dry heat test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.1 (IEC 60068-2-2)
288	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Dry heat test	IS 13779:2020 Cl.12.6, Cl.12.6.1 (IS 9000-3-3)
289	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Dry heat test	IS 15884:2010 Cl.5.3.1

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290	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Dry heat test	IS 16444:2015+A1:2017+A2:2019 Cl.6.9
291	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Spring hammer test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.1 (IEC 60068-2-75)
292	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Spring hammer test	IS 13779:2020 Cl.12.3, Cl.12.3.3 (IEC 60068-2-75)
293	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Spring hammer test	IS 15884:2010 Cl.5.2.1 (RD: IS 13779)
294	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy	Spring hammer test	IS 16444:2015+A1:2017+A2:2019 Cl.6.5
295	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Protection against penetration of dust and water	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.9 (IEC 60529)
296	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Protection against penetration of dust and water	IS 13779:2020 Cl.12.5 (IS/IEC 60529)
297	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Protection against penetration of dust and water	IS 15884:2010 Cl.5.2.5 (IS 12063)
298	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Protection against penetration of dust and water	IS 16444:2015+A1:2017+A2:2019 Cl.6.5
299	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Shock test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.2 (IEC 60068-2-27)
300	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Shock test	IS 13779:2020 Cl.12.3, Cl.12.3.1 (IS 9000-7-1)
301	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Shock test	IS 15884:2010 Cl.5.2.2 (IS 9000-7-1)
302	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Shock test	IS 16444:2015+A1:2017+A2:2019 Cl.6.5
303	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Vibration Test	IEC 62053-21:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.3 (IEC 60068-2-6)

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304	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Vibration Test	IS 13779:2020 Cl.12.3, Cl.12.3.2 (IS 9000-8)
305	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Vibration Test	IS 15884:2010 Cl.5.2.3 (IS 9000-8)
306	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 1 & 2 for Active Power/Energy & Electrical/Electronic Equipment	Vibration Test	IS 16444:2015+A1:2017+A2:2019 Cl.6.5
307	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Cold test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.2 (IEC 60068-2-1)
308	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Damp heat cyclic test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.3 (IEC 60068-2-30)
309	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Dry heat test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.1 (IEC 60068-2-2)
310	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Protection against penetration of dust and water	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.9 (IEC 60529)
311	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Shock test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.2 (IEC 60068-2-27)
312	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Spring hammer test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.1 (IEC 60068-2-75)
313	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters - Class 2 & 3 for Reactive/Trivector Power/Energy & Electrical/Electronic Equipment	Vibration Test	IEC 62053-23:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.2.2.3 (IEC 60068-2-6)
314	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters- Class 0.2S & 0.5S for Active Power/Energy	Cold test	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.6.3.2 (IEC 60068-2-1)
315	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters- Class 0.2S & 0.5S for Active Power/Energy & Electrical/Electronic Equipment	Protection against penetration of dust and water	IEC 62053-22:2003+A1:2016 / IEC 62052-11:2003+A1:2016 Cl.5.9 (IEC 60529)
316	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic (Static) Energy Meters- Class 1 & 2 for Active Power/Energy	Cold test	IS 15884:2010 Cl.5.3.2 (IS 9000-2-1to4)
317	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Bump test	IEC 60068-2-27

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318	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Bump Test	IS 9000-7-2
319	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Bump Test	JSS 55555
320	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Cold test	IEC 60068-2-1
321	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Cold Test	IS 9000-2-1 to 4
322	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Cold Test	JSS 55555
323	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Cold Test	QM 333
324	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Cyclic) Test	IEC 60068-2-30
325	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Cyclic) Test	IS 9000-5-1 & 2
326	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Cyclic) Test	JSS55555
327	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Cyclic) Test	QM333
328	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Steady State) Test	IEC 60068-2-67
329	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Steady State) Test	IS 9000-4
330	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Steady State) Test	JSS 55555
331	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Damp Heat (Steady State) Test	QM333

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332	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Drop & Topple Test	IS 9000-7-3
333	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Drop & Topple Test	JSS 55555
334	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Drop & Topple Test	QM333
335	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Dry heat test, burn-in test	IEC 60068-2-2
336	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Dry heat test, burn-in test	IS 9000-3-1 to 5
337	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Dry heat test, burn-in test	JSS 55555
338	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Dry heat test, burn-in test	QM333
339	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Free fall repeated	IEC 60068-2-32
340	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Free fall repeated	IS 9000-7-5
341	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Free fall test	IEC 60068-2-32
342	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Free fall test	IS 9000-7-4
343	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water)	IEC 60529
344	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water)	IEC 60947
345	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water)	IEC 60947 / IS/IEC 60947

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ELECTRONICS TEST AND DEVELOPMENT CENTRE, DR. VSI ESTATE, THIRUVANMIYUR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 28/02/2023 to 27/02/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
346	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water)	IS 12063
347	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Ingress protection (protection against penetration of dust and water)	IS 13947
348	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Sand and dust	IEC 60068-2-68
349	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Sand and dust	IS 9000-8
350	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Sand and dust	JSS 55555
351	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Sand and dust	QM333
352	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Shock test	IEC 60068-2-27
353	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Shock test	IS 9000-7-1
354	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (Random)	IEC 60068-2-55
355	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (Random)	JSS 55555
356	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (sinusoidal)	IEC 60068-2-6
357	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (sinusoidal)	IS 9000-8
358	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (sinusoidal)	JSS 55555
359	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical/electronic/electro-mechanical equipment/devices/components/ Information technology equipment	Vibration test (sinusoidal)	QM333