



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

1 of 35

**Validity**

06/05/2024 to 05/05/2026

**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 Testing				
1	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2	Insulation Resistance test	Cl. 6.10.6 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	a.c. high voltage test	Cl. 6.10.6 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Clearance and Creepage Distances	Cl. 6.3 IS 16444 (Part 1): 2015 (Amd 3) RA
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Fast transient burst test	Cl. 6.11 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	General and constructional Requirements	Cl. 6.2 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Impulse voltage test	Cl. 6.10.6 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Interpretation of test result	Cl. 6.12 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Spring hammer test	Cl. 6.5 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Surge Immunity Test	Cl. 6.11 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of ambient temperature influence	Cl. 6.12 IS 16444 (Part 1): 2015 (Amd 3) RA 2020



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TC-13620

**Page No**

2 of 35

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence of heating	Cl. 6.10.5 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence of immunity to earth fault	Cl. 6.10.7 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence of self-heating	Cl. 6.10.4 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence quantities - DC and Even Harmonics in AC current circuit	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12) RA
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence quantities - Frequency Variation	Cl. 6.12 IS 16444 (Part 1): 2015 (Amd 3) RA 2020
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence quantities - Reversed phase sequence	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12)RA
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence quantities - Voltage Unbalance	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12) RA
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence quantities - Voltage Variation	Cl. 6.12 IS 16444 (Part 1):2015 (Amd 3) RA 2020
19	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence quantities - Wave form	IS 16444 Part 1:2015(Amendment 3) (Cl. 6.12) RA
20	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence short-time over currents	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.10.3) RA
21	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of no-load condition	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12) RA



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3 of 35

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22	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of power consumption test	IS 16444 Part 1:2015 (Amendment 3) (CL. 6.10.1) RA
23	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of repeatability of error	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12) RA
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of starting condition	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12) RA
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test on influence of supply voltage	IS 16444 Part 1:2015 (Amendment 3) (CL. 6.10.2) RA
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test on limits of error	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12) RA
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test on meter constant	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12) RA
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Cold Test	IS 16444 (Part 1) 2015 (Amendment 3) (Cl. no. 6.9) RA
29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Protection against penetration of Dust and water	IS 16444 (Part 1) 2015 (Amendment 3) (Cl. No. 6.5) RA
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Shock test	IS 16444 (Part 1) 2015 (Amendment 3) (Cl. No. 6.5) RA
31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Resistance to heat and fire	IS 16444 (Part 1) 2015 (Amendment 3) (Cl.No. 6.5) RA
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Vibration test	IS 16444 (Part 1) 2015 (Amendment 3) (Cl.No. 6.5) RA



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TC-13620

**Page No**

4 of 35

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33	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S	Dry Heat Test	IS 16444 (Part 2) 2017 (Amendment 1) (Clause No. 6.9)
34	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S , 0.5S and 1.0S	Cold Test	IS 16444 (Part 2) 2017(Amendment 1) (Cl. no. 6.9)
35	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S , 0.5S and 1.0S	Damp Heat Cyclic Test	IS 16444 (Part 2)2017(Amendment 1) (Cl. no. 6.9)
36	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S , 0.5S and 1.0S	Protection against penetration of Dust and water	IS 16444 (Part 2) 2017 (Amendment 1) (Cl. No. 6.5)
37	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S , 0.5S and 1.0S	Shock Test	IS 16444 (Part 2) 2017 (Amendment 1) (Cl. No. 6.5)
38	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. 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 (Part 2) 2017 (Amendment 1) (Cl.No. 6.5)
39	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S , 0.5S and 1.0S	Vibration test	IS 16444 (Part 2) 2017 (Amendment 1) (Cl.No. 6.5)
40	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	a.c. high voltage test	IS 16444 (PART 2): 2017 (Amendment 1) (Cl. 6.10.6)
41	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Clearance and Creepage Distances	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.3)
42	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Fast transient burst test	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.11)
43	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	General and constructional Requirements	IS 16444(PART 2):2017 (Amendment 1) (Cl. 6.2)



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5 of 35

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44	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Impulse voltage test	IS 16444(PART 2) : 2017 (Amendment 1) (Cl. 6.10.6)
45	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Insulation Resistance test	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.10.6)
46	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Interpretation of test result	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.12)
47	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Spring hammer test	IS 16444(PART 2) :2017 (Amendment 1) (Clause No. 6.5)
48	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Surge Immunity Test	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.11)
49	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of ambient temperature influence	IS 16444 (Part 2): 2017 Amd 1 Cl. 6.12
50	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence of heating	IS 16444(PART 2): 2017 (Amendment 1) (CL. 6.10.5)
51	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence of immunity to earth fault	IS:16444(Part2) :2017 (Amendment 1) (CL. 6.10.7 )
52	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. 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(PART 2): 2017 (Amendment 1) (CL. 6.10.4)
53	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IS 16444(PART 2):2017(Amendment 1) (Cl. Cl. 6.12)
54	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - Continues magnetic induction of external origin	IS 16444(PART 2):2017(Amendment 1) (Cl. 6.12)



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6 of 35

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55	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IS 16444(PART 2):2017(Amendment 1) (Cl. 6.12)
56	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - Frequency Variation	IS 16444(PART 2):2017(Amendment 1) (Cl. 6.12)
57	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IS 16444(PART 2):2017(Amendment 1) (Cl. 6.12)
58	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - Reversed phase sequence	IS 16444(PART 2):2017(Amendment 1) (Cl. 6.12)
59	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - Voltage Unbalance	IS 16444(PART 2):2017 (Amendment 1) (Cl. 6.12)
60	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - Voltage Variation	IS 16444(PART 2):2017 (Amendment 1) (Cl. 6.12)
61	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence quantities - Wave form	IS 16444(PART 2):2017 (Amendment 1) (Cl. 6.12)
62	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of influence short-time over currents	IS 16444(PART 2): 2017 (Amendment 1) (CL. 6.10.3)
63	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of no-load condition	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.12)
64	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of power consumption test	IS 16444(PART 2): 2017 (Amendment 1) (CL. 6.10.1 )
65	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of repeatability of error	IS 16444 (PART 2): 2017 (Amendment 1) (Cl. 6.12)



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7 of 35

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66	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour MeterS Class 1 and 2 Specification	Test on meter constant	IS 13779: 2020 (Cl.12.15)
67	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Damp Heat Cyclic Test	IS 16444 (Part 1) 2015 (Amendment 3) (Cl. no. 6.9) RA
68	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. STATIC DIRECT CONNECTED WATTHOUR SMART METER CLASS 1 AND 2	Dry heat test	IS16444 part1: 2015 (amendment 3) (clause No. 6.9) RA
69	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Surge Immunity Test	IEC 62052-11:2020 (Cl. 7.5.6)/A11
70	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test of starting condition	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.12)
71	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test on influence of supply voltage	IS 16444(PART 2): 2017 (Amendment 1) (CL. 6.10.2)
72	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test on limits of error	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.12)
73	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Test on meter constant	IS 16444(PART 2): 2017 (Amendment 1) (Cl. 6.12)
74	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Damp Heat Test	IS 14697:2021 (Amendment 1) (Cl. No. 12.6.3)
75	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Dry Heat Test	IS 14697:2021 (Amendment 1) (Cl. No. 12.6.1)
76	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S	Shock Test	IS 14697 :2021 (Amendment 1) (Cl. No. 12.3.1)



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8 of 35

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77	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Vibration test	IS 14697:2021 (Amendment 1) (Cl. No. 12.3.2)
78	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Protection against Penetration of Dust & Water	IS 14697:2021(Amendment 1) (Cl. No. 12.5)
79	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Resistance to Heat and Fire	IS 14697:2021 (Amendment 1) (Cl. No. 12.4)
80	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2S and 0.5S) and Var-Hour Meters Class 0.2S and 0.5S and 1S)	Spring Hammer Test	IS 14697:2021 (Amendment 1) (Cl. No. 12.3.3)
81	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	a.c. high voltage test	IS 13779 : 2020 (Cl.12.7.6.3)
82	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Fast transient burst test	IS: 13779:2020 (Cl. 12.9.4)
83	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	General and constructional Requirements	IS 13779:2020 (Cl. 6)
84	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Insulation Resistance test	IS 13779 : 2020 (Cl.12.7.6.4)
85	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Interpretation of test results	IS 13779 :2020(Cl.12.16)
86	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of ambient temperature influence	IS 13779 : 2020 (Cl. 12.12)
87	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence of heating	IS 13779 : 2020 (Cl. 12.7.5)





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

9 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
88	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence of immunity to earth/phase fault	IS 13779:2020 (Cl.12.8 & 9.6 )
89	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IS 13779:2020 (Cl. 12.11)
90	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IS 16444 Part 1:2015(Amendment 3) (Cl. 6.12)RA
91	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Continues magnetic induction of external origin	IS 13779:2020 (Cl. 12.11)
92	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Continues magnetic induction of external origin	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12)RA
93	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IS 13779:2020 (Cl. 12.11)
94	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IS 16444 Part 1:2015 (Amendment 3)(Cl. 6.12)RA
95	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - DC and Even Harmonics in AC current circuit	IS 13779:2020 (Cl. 12.11)
96	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Frequency Variation	IS 13779:2020 (Cl. 12.11)
97	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IS 13779:2020 (Cl. 12.11)
98	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12)RA



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

10 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
99	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Reversed phase sequence	IS 13779:2020 (Cl. 12.11)
100	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Voltage Unbalance	IS 13779:2020 (Cl. 12.11)
101	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Voltage Variation	IS 13779:2020 (Cl. 12.11)
102	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Wave form	IS 13779:2020 (Cl. 12.11)
103	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence short-time over current	IS 13779 : 2020 (Cl. 12.7.3)
104	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of repeatability of error	IS 13779 : 2020 (Cl. 12.17)
105	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test on limits of error due to variation the current	IS 13779 : 2020 (Cl.11.1)
106	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters	Protection against Penetration of Dust & Water	IS 15884:2010 (Cl. No. 5.2.5)
107	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters Class 1 and 2	Impulse voltage test	IS 13779 : 2020 (Cl.no.12.7.6.2)
108	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour MeterS Class 1 and 2 Specification	Clearance and Creepage Distances	IS 13779 : 2020 (Cl. 6.6)
109	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour MeterS Class 1 and 2 Specification	Surge Immunity test	IS 13779 : 2020 (Cl. 12.9.5)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10,  
KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

11 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
110	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters Class 1 and 2 Specification	Test of influence of self-heating	IS 13779 : 2020 (Cl. 12.7.4)
111	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour MeterS Class 1 and 2 Specification	Test of no-load condition	IS 13779 : 2020 (Cl. 12.13)
112	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour MeterS Class 1 and 2 Specification	Test of power consumption test	IS 13779 : 2020 (Cl. 12.7.1)
113	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour MeterS Class 1 and 2 Specification	Test of starting condition	IS 13779 : 2020 (Cl.12.14)
114	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour MeterS Class 1 and 2 Specification	Test on influence of supply voltage	IS 13779 : 2020 (Cl. 12.7.2)
115	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Damp Heat Cyclic Test	IS 13779: 2020 (Cl.no.12.6.3)
116	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Protection against Penetration of Dust and Water	IS 13779:2020 (Cl.no.12.5)
117	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Shock test	IS 13779 :2020 (Cl.no. 12.3.1)
118	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Spring Impact Hammer Test	IS 13779:2020 (Cl. No. 12.3.3)
119	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Resistance to heat and fire	IS 13779:2020 (Cl. no. 12.4)
120	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Vibration test	IS 13779:2020 (Cl.no.12.3.2)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

12 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
121	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - Reversed phase sequence	IEC 62053-23:2020 (Cl. no. 8.2)/A11
122	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - Voltage Unbalance	IEC 62053-23:2020 (Cl. no. 8.2)/A11
123	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - Voltage Variation	IEC 62053-23:2020 (Cl. no. 8.2)/A11
124	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of no load condition	IEC 62053-22:2020 (Cl. no. 8.3.2)/A11
125	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of no load condition	IEC 62053-23:2020 (Cl. no. 8.3.2)/A11
126	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of no load condition	IEC 62053-24:2020 (Cl. no. 8.3.2)/A11
127	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IEC 62053-23:2020 (Cl. no. 8.2)/A11
128	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - Continues magnetic induction of external origin	IEC 62053-23:2020 (Cl. no. 8.2)/A11
129	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IEC 62053-23:2020 (Cl. no. 8.2)/A11
130	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - DC and Even Harmonics in AC current circuit	IEC 62053-23:2020 (Cl. no. 8.2)/A11
131	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - Frequency Variation	IEC 62053-23:2020 (Cl. no. 8.2)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

13 of 35

**Validity**

06/05/2024 to 05/05/2026

**Last Amended on**

-

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132	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IEC 62053-23:2020 (Cl. no. 8.2)/A11
133	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Direct connected static prepayment meters for active energy Cl 1 & 2	Test of influence quantities - Wave form	IEC 62053-23:2020 (Cl. no. 8.2)/A11
134	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	a.c. high voltage test	IS 14697:2021 (Amendment 1) (Cl. 12.7.6.3)
135	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Clearance and Creepage Distance	IS 14697:2021 (Amendment 1) (Cl. 6.6)
136	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Cold Test	IS 14697:2021 (Amendment 1) (Cl.No.12.6.2)
137	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Fast transient burst test	IS 14697:2021 (Amendment 1) (Cl. 12.8.4)
138	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	General and constructional Requirements	IS 14697:2021 (Amendment 1) (Cl. 6)
139	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Impulse voltage test	IS 14697 : 2021 (Amendment 1) (Cl. 12.7.6.2)
140	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Insulation Resistance test	IS 14697:2021 (Amendment 1) (Cl. 12.7.6.4)
141	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Interpretation of test results	IS 14697:2021 (Amendment 1) (Cl. 12.15)
142	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Surge Immunity Test	IS 14697:2021 (Amendment 1) (Cl. 12.8.5)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

14 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
143	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of ambient temperature influence	IS 14697:2021 (Amendment 1) (Cl. 12.11)
144	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of Immunity to earth/phase fault	IS 14697:2021 (Amendment 1) (Cl. 12.17)
145	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence of heating	IS 14697:2021 (Amendment 1) (Cl. 12.7.5)
146	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence of self-heating	IS 14697:2021 (Amendment 1) (Cl. 12.7.4)
147	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IS 14697:2021 (Amendment 1) (Cl. 12.11)
148	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - Continues magnetic induction of external origin	IS 14697:2021(Amendment 1)(Cl. 12.11)
149	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IS 14697:2021 (Amendment 1) (Cl. 12.11)
150	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - Frequency Variation	IS 14697:2021(Amendment 1) (Cl. 12.11)
151	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IS 14697:2021 (Amendment 1) (Cl. 12.11)
152	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - Reversed phase sequence	IS 14697:2021(Amendment 1) (Cl. 12.11)
153	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - Voltage Unbalance	IS 14697:2021 (Amendment 1)(Cl. 12.11)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Laboratory Name :**

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

15 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
154	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - Voltage Variation	IS 14697:2021 (Amendment 1) (Cl. 12.11)
155	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence quantities - Wave form	IS 14697:2021(Amendment 1) (Cl. 12.11)
156	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of influence short-time overcurrent	IS 14697:2021 (Amendment 1) (Cl. 12.7.3)
157	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of no-load condition	IS 14697:2021 (Amendment 1) (Cl. 12.12)
158	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of power consumption test	IS 14697:2021 (Amendment 1) (Cl. 12.7.1)
159	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of repeatability of error	IS 14697:2021 (Amendment 1) (Cl. 12.16)
160	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test of starting condition	IS 14697:2021 (Amendment 1) (Cl.12.13)
161	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test on influence of supply voltage	IS 14697:2021 (Amendment 1) (Cl. 12.7.2)
162	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test on limits of error	IS 14697:2021 (Amendment 1) (Cl. 11.1)
163	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters (Class 0.2S, 0.5S and 1.0S)	Test on meter constant	IS 14697:2021 (Amendment 1) (Cl.12.14)
164	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac STATIC WATIHOOR METERS, CLASS 1 AND 2	Cold Test	IS 13779 :2020 (Cl.No. 12.6.2)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10,  
KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

16 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
165	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Cold Test	IS:15884:2010 (Cl.No.5.3.2)RA
166	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	ac voltage test	IS:15884:2010 (Cl. 5.4.6.3)RA
167	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Clearance and Creepage Distance	IS:15884:2010 (Cl. 4.2.6)RA
168	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Damp Heat Cyclic Test	IS:15884:2010 (Cl.no. 5.3.3)RA
169	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Dry Heat Test	IS:15884: 2010 (Cl.No 5.3.1)RA
170	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Fast Transient Burst Test	S:15884:2010 (Cl. 5.5.4) RA
171	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	General and constructional Requirements	IS:15884:2010 (Cl. 4, 4.1.1, 4.1.2, 4.1.3)
172	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Impulse voltage test	IS:15884:2010 (Cl. 5.4.6.2)RA
173	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Insulation resistance test	IS:15884:2010 (Cl. 5.4.6.4)RA
174	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Interpretation of test result	IS:15884:2010 (Cl. 5.6.6)RA
175	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Limit of error due to variation of the current	IS:15884:2010 (Cl. 4.6.1)RA





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10,  
KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

17 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
176	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Meter Constant	IS:15884:2010 (Cl. 5.6.5)RA
177	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Repeatability of Error Test	IS:15884:2010 (Cl. 5.6.7)RA
178	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Shock Test	IS:15884:2010 (Cl.no. 5.2.2)RA
179	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Spring Hammer Test	IS:15884:2010 (Cl.no. 5.2.1)RA
180	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Starting Condition	IS:15884:2010 (Cl. 5.6.4)RA
181	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Surge Immunity Test	IS:15884:2010 (Cl. 5.5.6)RA
182	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of Influence of Heating	IS:15884:2010 (Cl. 5.4.5)RA
183	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of Influence of Self Heating	IS:15884:2010 (Cl. 5.4.4)RA
184	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of Influence of Short-Time over current	IS:15884:2010 (Cl. 5.4.3)RA
185	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of Influence of Supply Voltage	IS:15884:2010 (Cl. 5.4.2, 5.4.2.1):RA
186	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IS:15884:2010 (Cl. 4.6.2)RA



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

18 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
187	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - Continues magnetic induction of external origin	IS:15884:2010 (Cl. 4.6.2)RA
188	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IS:15884:2010 (Cl. 4.6.2)RA
189	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - DC and Even Harmonics in AC current circuit	IS:15884:2010 (Cl. 4.6.2)RA
190	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - Frequency Variation	IS:15884:2010 (Cl. 4.6.2)RA
191	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IS:15884:2010 (Cl. 4.6.2)RA
192	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - Reversed phase sequence	IS:15884:2010 (Cl. 4.6.2)RA
193	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - Voltage Unbalance	IS:15884:2010(Cl. 4.6.2)RA
194	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - Voltage Variation	IS:15884:2010 (Cl. 4.6.2)RA
195	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of influence quantities - Wave form	IS:15884:2010 (Cl. 4.6.2)RA
196	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of No-Load Condition	IS:15884:2010 (Cl. 5.6.3)RA
197	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of Power Consumption	IS:15884:2010 (Cl. 5.4.1, 5.4.1.1, 5.4.1.2)RA



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

19 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
198	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of Resistance to Heat and Fire	IS:15884:2010 (Cl.no. 5.2.4 )RA
199	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Vibration Test	IS:15884:2010 (Cl.no. 5.2.3)RA
200	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments/ Digital Multifunction Measuring instruments for measurement and control	Dry heat test	IS 13779:2020 (clause No. 6.9)
201	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 1)	IS/IEC 60529:2001 (Cl. No. 5)RA
202	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 2)	IS/IEC 60529:2001 (Cl. No. 5)RA
203	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 3)	IS/IEC 60529:2001 (Cl. No. 5)RA
204	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 4)	IS/IEC 60529:2001 (Cl. No. 5)RA
205	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 5)	IS/IEC 60529:2001 (Cl. No. 5)RA
206	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 6)	IS/IEC 60529:2001 (Cl. No. 5)RA
207	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 1)	IS/IEC 60529: 2001 (Cl. No. 6)RA
208	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 2)	IS/IEC 60529:2001 (Cl. No. 6)RA



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

20 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
209	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 3)	IS/IEC 60529:2001 (Cl. No. 6)RA
210	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 4)	IS/IEC 60529:2001 (Cl. No. 6)RA
211	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 5)	IS/IEC 60529 :2001 (Cl. No. 6)RA
212	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 6)	IS/IEC 60529:2001 (Cl. No. 6)RA
213	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Shock test	IEC 62052-11:2020 (Cl. no. 5.2.2.2)/A11
214	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	ac voltage test	IEC 62053-22:2020 (Cl. 7.4)/A11
215	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	ac voltage test	IEC 62053-23:2020 (Cl. 7.4)/A11
216	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	ac voltage test	IEC 62053-24:2020 (Cl. 7.4)/A11
217	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	ac voltage test	IEC 62052-11:2020 (Cl. 7.3.3)/A11
218	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	ac voltage test	IEC 62053-21:2020 (Cl. 7.4) /A11
219	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Ambient Temperature Influence	IEC 62052-11:2020 (Cl. no. 9.4.4)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

21 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
220	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Ambient Temperature Influence	IEC 62053-21:2020 (Cl. no. 9.4.4)/A11
221	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Ambient Temperature Influence	IEC 62053-22:2020 (Cl. no. 9.4.4)/A11
222	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Ambient Temperature Influence	IEC 62053-23:2020 (Cl. no. 9.4.4)/A11
223	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Ambient Temperature Influence	IEC 62053-24:2020 (Cl. no. 9.4.4)/A11
224	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Clearance and Creepage Distance	IEC 62052-11:2020 (Cl.7.0)/A11
225	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Clearance and Creepage Distance	IEC 62053-21:2020 (Cl.7.6)/A11
226	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Clearance and Creepage Distance	IEC 62053-22:2020 (Cl.7.6)/A11
227	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Clearance and Creepage Distance	IEC 62053-23:2020 (Cl.7.6)/A11
228	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Clearance and Creepage Distance	IEC 62053-24:2020 (Cl.7.6)/A11
229	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Cold Test	IEC 62052-11:2020 (Cl. no. 6.3.2) /A11
230	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Construction Requirements	IEC 62052-11:2020 (Cl. no. 5.1)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10,  
KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

22 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
231	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Construction Requirements	IEC 62053-21:2020 (Cl. no. 5.1)/A11
232	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Construction Requirements	IEC 62053-22:2020 (Cl. no. 5.1)/A11
233	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Construction Requirements	IEC 62053-23:2020 (Cl. no. 5.1)/A11
234	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Construction Requirements	IEC 62053-24:2020 (Cl. no. 5.1)/A11
235	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Damp Heat Cyclic Test	IEC 62052-11:2020 (Cl. no. 6.3.3 )/A11
236	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Dry Heat Test	IEC 62052-11:2020 (Cl. no. 6.3.1)/A11
237	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Electrical Fast Transient/Burst Immunity Test	IEC 62052-11:2020 (Cl. no. 9.3.6)/A11
238	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Fast transient burst test	IEC 62053-21:2020 (Cl. 7.0)/A11
239	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Fast transient burst test	IEC 62053-22:2020 (Cl.7.0)/A11
240	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Fast transient burst test	IEC 62053-23:2020 (Cl. 7.0)/A11
241	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Fast transient burst test	IEC 62053-24:2020 (Cl. 7.0)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10,  
KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

23 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
242	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Impulse voltage test	IEC 62052-11:2020 (Cl. 7.3.2)/A11
243	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Impulse voltage test	IEC 62053-21:2020 (Cl. 7.4)/A11
244	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Impulse voltage test	IEC 62053-22:2020 (Cl. 7.4)/A11
245	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Impulse voltage test	IEC 62053-23:2020 (Cl. 7.4)/A11
246	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Impulse voltage test	IEC 62053-24:2020 (Cl. 7.4)/A11
247	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Repeatability test	IEC 62053-22:2020 (Cl. 8.3.4)/A11
248	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Repeatability test	IEC 62053-23:2020 (Cl. 8.3.4)/A11
249	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Repeatability test	IEC 62053-24:2020 (Cl. 8.3.4)/A11
250	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Starting Current	IEC 62052-11:2020 (Cl. no. 7.7)/A11
251	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Surge Immunity Test	IEC 62053-21:2020 (Cl. 7.5.6)/A11
252	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Surge Immunity Test	IEC 62053-22:2020 (Cl. 7.5.6)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10,  
KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

24 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
253	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Surge Immunity Test	IEC 62053-23:2020 (Cl. 7.5.6)/A11
254	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Surge Immunity Test	IEC 62053-24:2020 (Cl. 7.5.6)/A11
255	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of immunity to Earth Fault	IEC 62052-11:2020 (Cl. No. 9.4.13)/A11
256	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of immunity to Earth Fault	IEC 62053-21:2020 (Cl. 7.6)/A11
257	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of immunity to Earth Fault	IEC 62053-22:2020 (Cl. 7.6)/A11
258	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of immunity to Earth Fault	IEC 62053-23:2020 (Cl. 7.6)/A11
259	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of immunity to Earth Fault	IEC 62053-24:2020(Cl. 7.6)/A11
260	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of heating	IEC 62052-11:2020 (Cl. 7.4)/A11
261	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of heating	IEC 62053-21:2020 (Cl. 7.5)/A11
262	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of heating	IEC 62053-22:2020/A11
263	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of heating	IEC 62053-23:2020(Cl. 7.5)/A11





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

25 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
264	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of heating	IEC 62053-24:2020(Cl. 7.5)/A11
265	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of self-heating	IEC 62052-11:2020 (Cl. 7.2)/A11
266	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of self-heating	IEC 62053-21:2020 (Cl. 7.3)/A11
267	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of self-heating	IEC 62053-22:2020 (Cl. 7.3)/A11
268	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of self-heating	IEC 62053-23:2020 (Cl. 7.3)/A11
269	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of self-heating	IEC 62053-24:2020 (Cl. 7.3)/A11
270	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of Short-Time over current	IEC 62052-11:2020 (Cl. 7.1.2)/A11
271	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of Short-Time over current	IEC 62053-21:2020 (Cl. 7.2)/A11
272	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of Short-Time over current	IEC 62053-22:2020 (Cl. 7.2)/A11
273	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of Short-Time over current	IEC 62053-23:2020 (Cl. 7.2)/A11
274	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of Short-Time over current	IEC 62053-24:2020 (Cl. 7.2)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10,  
KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

26 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
275	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of supply	IEC 62053-21:2020 (Cl. 7.2) /A11
276	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of supply Voltage	IEC 62052-11:2020 (Cl. 7.1.2)/A11
277	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of supply Voltage	IEC 62053-22:2020 (Cl. 7.2) /A11
278	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of supply Voltage	IEC 62053-23:2020 (Cl. 7.2) /A11
279	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of supply Voltage	IEC 62053-24:2020 (Cl. 7.2) /A11
280	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IEC 62052-11:2020 (Cl. 3.6)/A11
281	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IEC 62053-22:2020 (Cl. no. 8.2)/A11
282	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IEC 62053-24:2020(Cl. no. 8.2)/A11
283	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Continues magnetic induction of external origin	IEC 62052-11:2020 (Cl. 3.6)/A11
284	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Continues magnetic induction of external origin	IEC 62053-22:2020 (Cl. no. 8.2)/A11
285	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Continues magnetic induction of external origin	IEC 62053-24:2020 (Cl. no. 8.2)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

27 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
286	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IEC 62052-11:2020 (Cl. 3.6)/A11
287	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IEC 62053-22:2020 (Cl. no. 8.2)/A11
288	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IEC 62053-24:2020 (Cl. no. 8.2)/A11
289	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - DC and Even Harmonics in AC current circuit	IEC 62052-11:2020 (Cl. 3.6)/A11
290	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - DC and Even Harmonics in AC current circuit	IEC 62053-24:2020 (Cl. no. 8.2)/A11
291	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Frequency Variation	IEC 62052-11:2020 (Cl. 3.6)/A11
292	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Frequency Variation	IEC 62053-21:2020 (Cl. 3.6)/A11
293	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Frequency Variation	IEC 62053-22:2020 (Cl. no. 8.2)/A11
294	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Frequency Variation	IEC 62053-24:2020 (Cl. no. 8.2)/A11
295	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IEC 62052-11:2020 (Cl. 3.6)/A11
296	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IEC 62053-22:2020 (Cl. no. 8.2)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

28 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
297	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IEC 62053-24:2020 (Cl. no. 8.2)/A11
298	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Reversed phase sequence	IEC 62052-11:2020 (Cl. 3.6)/A11
299	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Reversed phase sequence	IEC 62053-22:2020 (Cl. no. 8.2)/A11
300	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Reversed phase sequence	IEC 62053-24:2020 (Cl. no. 8.2)/A11
301	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Voltage Unbalance	IEC 62052-11:2020 (Cl. 3.6)/A11
302	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Voltage Unbalance	IEC 62053-22:2020 (Cl. no. 8.2)/A11
303	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Voltage Unbalance	IEC 62053-24:2020 (Cl. no. 8.2)/A11
304	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Voltage Variation	IEC 62052-11:2020 (Cl. 3.6)/A11
305	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Voltage Variation	IEC 62053-22:2020 (Cl. no. 8.2)/A11
306	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Voltage Variation	IEC 62053-24:2020 (Cl. no. 8.2)/A11
307	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Wave form	IEC 62052-11:2020 (Cl. 3.6)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

29 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
308	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Wave form	IEC 62053-22:2020 (Cl. 3.6)/A11
309	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities - Wave form	IEC 62053-24:2020 (Cl. no. 8.2)/A11
310	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Meter Constant	IEC 62052-11:2020 ((Cl. no. 7.6)/A11
311	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Meter Constant	IEC 62053-21:2020 (Cl. 8.4)/A11
312	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Meter Constant	IEC 62053-22:2020 (Cl. 8.4)/A11
313	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Meter Constant	IEC 62053-23:2020 (Cl. 8.4)/A11
314	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Meter Constant	IEC 62053-24:2020 (Cl. 8.4)/A11
315	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of No Load Condition	IEC 62052-11:2020(Cl. no. 7.8)/A11
316	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of No Load Condition	IEC 62053-21:2020 (Cl. no. 8.3.2)/A11
317	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Power Consumption Condition	IEC 62052-11:2020 (Cl.7.0)/A11
318	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Power Consumption Condition	IEC 62053-21:2020 (Cl. 7.1)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

30 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
319	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Power Consumption Condition	IEC 62053-22:2020 (Cl. 7.1)/A11
320	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Power Consumption Condition	IEC 62053-23:2020 (Cl. 7.1)/A11
321	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Power Consumption Condition	IEC 62053-24:2020 (Cl. 7.1)/A11
322	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of Starting Current	IEC 62053-21:2020 (Cl. no. 8.3.1)/A11
323	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of Starting Current	IEC 62053-22:2020 (Cl. no. 8.3.1)/A11
324	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of Starting Current	IEC 62053-23:2020 (Cl. no. 8.3.1)/A11
325	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of Starting Current	IEC 62053-24:2020 (Cl. no. 8.3.1)/A11
326	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Vibration test	IEC 62052-11:2020 (Cl. no. 5.2.2.3 )/A11
327	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - 'Abnormal' AC magnetic induction of external origin 10 mT	IEC 62053-21:2020 (Cl. no. 7.10)/A11
328	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - Continues magnetic induction of external origin	IEC 62053-21:2020 (Cl. no. 7.10)/A11
329	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - Continuous 'abnormal' magnetic induction of external origin	IEC 62053-21:2020 (Cl. no. 7.10)/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10,  
KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA,  
INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

31 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
330	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - DC and Even Harmonics in AC current circuit	IEC 62053-21:2020 (Cl. no. 7.10)/A11
331	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IEC 62053-21:2020 (Cl. no. 7.10)/A11
332	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - Reversed phase sequence	IEC 62053-21:2020 (Cl. no. 7.10)/A11
333	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - Voltage Unbalance	IEC 62053-21:2020 (Cl. no. 7.10)/A11
334	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - Voltage Variation	IEC 62053-21:2020 (Cl. no. 7.10)/A11
335	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2 & Table 4	Test of influence quantities - Wave form	IEC 62053-21:2020 (Cl. no. 7.10)/A11
336	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)	Dry Heat Test	IEC 62053-21:2020 (Cl. no. 6.0 )/A11
337	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)	Cold test	IEC 62053-21:2020 (Cl. no. 6.0)/A11
338	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)	Damp Heat Cyclic Test	IEC 62053-21:2020 (Cl. no. 6.0 )/A11
339	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Dry Heat Test	IEC 62053-22:2020 (Cl. no. 8.0 )/A11
340	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Cold Test	IEC 62053-22:2020 (Cl. no. 8.0 )/A11



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

32 of 35

**Validity**

06/05/2024 to 05/05/2026

**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
341	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Damp Heat Cyclic Test	IEC 62053-22:2020 (Cl. no. 8.0)/A11
342	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 23: Static Meters for reactive energy (Classes 2 and 3)	Dry Heat Test	IEC 62053-23:2020 (Cl. no. 8.0)/A11
343	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 23: Static Meters for reactive energy (Classes 2 and 3)	Cold Test	IEC 62053-23:2020(Cl. no. 8.0 )/A11
344	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment - Particular requirements Part 23: Static Meters for reactive energy (Classes 2 and 3)	Damp Heat Cyclic Test	IEC 62053-23:2020(Cl. no. 8.0 )/A11
345	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meters for Active Energy Cl 1&2	Protection against penetration of dust and water	IEC 62052-11:2020 (Cl. no. 5.9)/A11
346	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meters for Active Energy Cl 1&2	Protection against penetration of dust and water	IEC 62053-21:2020 (Cl. no. 5.0)/A11
347	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meters for Active Energy Cl 1&2	Resistance to heat & fire	IEC 62052-11:2020 (Cl. no. 5.8)/A11
348	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meters for Active Energy Cl 1&2	Resistance to heat & fire	IEC 62053-21:2020 (Cl. no. 5.0)/A11
349	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meters for Active Energy Cl 1&2	Spring hammer test	IEC 62052-11:2020 (Cl. no. 5.2.2.1)/A11
350	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meters for Active Energy Cl 1&2	Spring hammer test	IEC 62053-21:2020 (Cl. no. 5.0 )/A11
351	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Interpretation of test result	IEC 62052-11:2020/A11





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ELEENERGY LAB RESEARCH PRIVATE LIMITED, GROUND FLOOR, NO. 135, ROAD NO. 10, KIADB IT PARK, AREBINNAMANGALA VILLAGE, JALA HOBLI, BANGALORE, KARNATAKA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-13620

**Page No**

33 of 35

**Validity**

06/05/2024 to 05/05/2026

**Last Amended on**

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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
352	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Interpretation of test result	IEC 62053-21:2020 (Cl. 8.3)/A11
353	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Interpretation of test result	IEC 62053-22: 2020 (Cl. 8.3)/A11
354	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Interpretation of test result	IEC 62053-23:2020 (Cl. 8.3)/A11
355	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Interpretation of test result	IEC 62053-24:2020(Cl. 8.3)/A11
356	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Limits of error due to variation of current	IEC 62053-21:2020 (Cl. 8.3)/A11
357	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Limits of error due to variation of current	IEC 62053-22:2020 (Cl. 8.3)/A11
358	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Limits of error due to variation of current	IEC 62053-23:2020 (Cl. 8.3)/A11
359	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Limits of error due to variation of current	IEC 62053-24:2020 (Cl. 8.3)/A11
360	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Limits of error due to variation of current	IEC 62052-11:2020 (Cl. 7.4.4) /A11
361	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Shock Test	IEC 62053-21:2020 (Cl. no. 5.0)/A11
362	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Shock Test	IEC 62053-22:2020 ((Cl. no. 8.0))/A11



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ISO/IEC 17025:2017

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TC-13620

**Page No**

34 of 35

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363	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Vibration Test	IEC 62053-21:2020 (Cl. no. 5.0)/A11
364	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1s, 0.2s, 0.5s,0.5,1 and 2)	Vibration Test	IEC 62053-22:2020((Cl. no. 8.0))/A11
365	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Active Energy cl. 0.2S & 0.5S	Protection against penetration of dust and water	IEC 62053-22:2020 (CL.8.0)/A11
366	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Active Energy cl. 0.2S & 0.5S	Resistance to heat & fire	IEC 62053-22:2020(CI. 8.0)/A11
367	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Active Energy cl. 0.2S & 0.5S	Spring hammer test	IEC 62053-22:2020 (CL.8.0)/A11
368	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Cold Test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
369	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Damp heat cyclic test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
370	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Dry Heat Test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
371	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Shock Test	IEC 62053-23:2020 (Cl. no. 8.0)/A11
372	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Shock Test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
373	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Vibration Test	IEC 62053-23:2020 (CL.8.0)/A11



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TC-13620

**Page No**

35 of 35

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374	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Vibration Test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
375	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Repeatability test	IEC 62052-11:2020 (Cl. no. 7.0)/A11
376	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Repeatability test	IEC 62053-21:2020 (Cl. 8.3.4)/A11
377	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency(Classess 0.5s, 1s and 1)	Protection against penetration of dust and water	IEC 62053-24:2020 (Cl. no. 8.0)/A11
378	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency(Classess 0.5s, 1s and 1)	Resistance to heat & fire	IEC 62053-24:2020 (Cl. no. 8.0)/A11
379	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency(Classess 0.5s, 1s and 1)	Spring hammer test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
380	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive Energy cl. 2S & 3S	Protection against penetration of dust and water	IEC 62053-23:2020 ((Cl. no. 8.0))/A11
381	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive Energy cl. 2S & 3S	Resistance to heat & fire	IEC 62053-23:2020 ((Cl. no. 8.0))/A11
382	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for Reactive Energy cl. 2S & 3S	Spring hammer test	IEC 62053-23:2020(CL.8.0)/A11