



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

1 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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 Watthour Meter Class 1 and 2 Specification	Test for Immunity to Electrostatic Discharge (ESD)	IS 13779:2020 (Cl. 12.9.2)
2	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2	Insulation Resistance test	IS 16444 (Part 1): 2015 (Amd 3) (Cl. 6.10.6) RA 2020
3	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	a.c. high voltage test	IS 16444 (Part 1): 2015 (Amd 3) Cl. 6.10.6 RA 2020
4	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Clearance and Creepage Distances	IS 16444 (Part 1): 2015 (Amd 3)Cl. 6.3 RA
5	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
6	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	General and constructional Requirements	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.2) RA
7	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Impulse voltage test	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.11) RA



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

2 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
8	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
9	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Spring hammer test	IS 16444 PART 1: 2015 (Amendment 3)(Clause No. 6.5)RA
10	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Surge Immunity Test	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.11) RA
11	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
12	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence of heating	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.10.5) RA
13	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
14	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence of self-heating	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.10.4) RA



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

3 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
15	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
16	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence quantities - Frequency Variation	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 - Reversed phase sequence	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 Unbalance	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12) RA
19	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
20	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Connected Watthour Smart Meter Class 1 and 2 Specification	Test of influence quantities - Waveform: 10 percent of third harmonic in the current.	IS 16444 Part 1:2015(Amendment 3) (Cl. 6.12) RA
21	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



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

4 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
22	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
23	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
24	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
25	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
26	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
27	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
28	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



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

5 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
29	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of influence quantities - Continues magnetic induction of external origin	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12)RA
30	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of influence quantities - Magnetic Induction of external origin 0.5mT	IS 16444 Part 1:2015 (Amendment 3) (Cl. 6.12)RA
31	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of immunity to electrostatic discharges	IS 16444 (Part 1) 2015 (Amendment 3) (Cl.No. 6.11) RA
32	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Access and data read test.	IS 16444 (Part 1) :2015(Amendment 3) (Note 1 b of Table 1) RA
33	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Accuracy of the meter at pre-defined points	IS 16444 (Part 1) :2015(Amendment 3) (Note 1 a of Table 1) RA
34	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	All connections and disconnections shall also be logged as events.	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 11.5) RA
35	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Climatic conditions	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.9) RA



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

6 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
36	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Communication Layer Protocol	IS 16444 (Part 1) :2015(Amendment 3) Cl. 9.3 RA
37	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Communication Requirement	IS 16444 (Part 1) :2015(Amendment 3) Cl. 9.0 RA
38	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Conduct functional tests	IS 16444 (Part 1) :2015(Amendment 3) (Note 2 of Table 1) RA
39	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Connectivity Technologies	IS 16444 (Part 1) :2015(Amendment 3) Cl. 9.1 RA
40	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Data exchange protocol	IS 16444 (Part 1) :2015(Amendment 3) Cl. 8.0 RA
41	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Disconnection mechanism	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 11.1) RA
42	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Display of Values	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.6) RA



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

7 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
43	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Load Switch Requirement	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 7.0) RA
44	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Load switching capability	IS 16444 (Part 1) :2015(Amendment 3) Cl. 7.1 RA
45	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Marking of Smart Meters	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.8,6.8.1,6.8.2) RA
46	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Metering Requirement	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.1) RA
47	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Operation of accessories	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.12) RA
48	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Output Device	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.7) RA
49	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Performance Requirements for Load Switching	IS 16444 (Part 1) :2015(Amendment 3) Cl. 7.2 RA



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

8 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
50	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Radio Interference Measurement a,Test for conducted emission for the frequency range 0.15 Mhz to 30 Mhz.	IS 16444 (Part 1) :2015(Amendment 3) (Cl.6.11) RA
51	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Ratings	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.1.2, 6.1.2.1, 6.1.2.2, 6.1.2.3, 6.1.2.4) RA
52	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Reconnection mechanism	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 11.2) RA
53	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Reconnection Mechanism for Prepayment Meter	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 11.3) RA
54	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Remote disconnect/connect	IS 16444 (Part 1) :2015(Amendment 3) (Note 1 c of Table 1) RA
55	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Resistance to Heat and Fire	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.4)
56	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	RF Technology Requirements	IS 16444 (Part 1) :2015(Amendment 3) Cl. 9.2 RA



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

9 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
57	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Smart meter functional requirements	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 11.0) RA
58	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Smart Meter shall detect 'First breath (power on) and Last gasp (power off)' condition and communicate to HES	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 11.7) RA
59	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Smart Meters shall respond to HES	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 11.6) RA
60	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Startup Test	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 6.12) RA
61	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Status of Load Switch	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 11.4) RA
62	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test for Data Exchange Protocol	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 10.5) RA
63	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test for Load Switch	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 10.4 & 7.2) RA



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

10 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
64	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test for Metrology	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 10.1) RA
65	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of accuracy requirement	IS 16444 (Part 1) :2015(Amendment 3) CL.6.12 RA
66	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Display	IS 16444 (Part 1) :2015(Amendment 3) (Cl. 10.3) RA
67	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Influence Quantities	IS 16444 (Part 1) :2015(Amendment 3) (Cl.6.12) RA
68	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of influence quantities Fast-Transients burst test	IS 16444 (Part 1) :2015(Amendment 3) (Cl.6.12) RA
69	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of mechanical Requirements	IS 16444 (Part 1) :2015(Amendment 3) Cl.6.5 RA
70	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



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

11 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
71	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Tests for Smart Meter Communicability	IS 16444 (Part 1):2015(Amendment 3) (Cl. 10.6) RA
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 of influence quantities - Magnetic Induction of external origin 0.5mT	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 of immunity to electrostatic discharges	IS 16444 (Part 2) 2017 (Amendment 1) (Cl.No. 6.11)
74	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)
75	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)
76	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Accuracy of the meter at pre-defined points	IS 16444 (Part 2):2017(Amendment1) (Note a of Table 1)
77	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Auxiliary Voltage	IS 16444 (Part 2):2017(Amendment1) (Cl. 6.12)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

12 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
78	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)
79	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Climatic Condition	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.9)
80	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Communication Layer Protocol	IS 16444 (Part 2) :2017(Amendment1) (Cl. 8.3)
81	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Communication requirement	IS 16444 (Part 2) :2017(Amendment1) Cl.8.0:2019
82	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Connectivity Technologies	IS 16444 (Part 2) :2017(Amendment1) (Cl. 8.1, 8.1.1, 8.1.2, 8.1.3, 8.1.4)
83	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Data exchange protocol	IS 16444 (Part 2) :2017 (Amendment1) CL.7.0 2019
84	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Display of Values	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.6)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

13 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
85	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)
86	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)
87	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)
88	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)
89	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)
90	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Marking of Smart Meters	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.8,6.8.1,6.8.2)
91	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Metering Requirement	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.1):2019



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

14 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
92	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Output Device	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.7)
93	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Phase of Auxiliary supply voltage by 120 degree	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.12)
94	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Radio Interference Measurement a,Test for conducted emission for the frequency range 0.15 Mhz to 30 Mhz	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.11)
95	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Ratings	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.1.2, 6.1.2.1, 6.1.2.2,6.1.2.3,6.1.2.4)
96	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Resistance to Heat and Fire	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.4)
97	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	RF Technology Requirements	IS 16444 (Part 2) :2017(Amendment1) (Cl. 8.2)
98	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Smart Meter Communicability	IS 16444 (Part 2) :2017(Amendment1) Cl. 9.5



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

15 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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 Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Smart Meter Functional Requirements	IS 16444 (Part 2) :2017(Amendment1) (Cl. 10.0)
100	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)
101	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S	Startup Test	"IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.12)
102	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)
103	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 for Data Exchange Protocol	IS 16444 (Part 2) :2017(Amendment1) (Cl. 9.4)
104	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 For Mechanical Requirement	IS 16444 (Part 2) :2017 (Amendment1) Cl. 6.5
105	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 for Metrology	IS 16444 (Part 2) :2017(Amendment1) (Cl. 9.1)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

16 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
106	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 for Smart Meter Communicability	IS 16444 (Part 2) :2017(Amendment1) (Cl. 9.5.2)
107	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 accuracy requirement	IS 16444 (Part 2) :2017 (Amendment1) CL.6.12
108	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
109	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 Display	IS 16444 (Part 2) :2017(Amendment1) (Cl. 9.3)
110	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)
111	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)
112	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

17 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
113	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	IS 16444 (Part 2) :2017(Amendment1) (Cl. 6.12)
114	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)
115	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)
116	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)
117	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)
118	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: 10 percent of third harmonic in the current.	IS 16444 (PART 2) :2017 (Amendment 1) (Cl. 6.12)
119	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

18 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
120	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)
121	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)
122	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)
123	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)
124	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)
125	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)
126	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

19 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
127	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. 6.12)
128	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)
129	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)
130	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)	Auxiliary Voltage	IS 14697:2021 (Amendment 1) (Cl. 12.10)
131	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)	Classification	IS 14697:2021 (Amendment 1) (Cl.4.0)
132	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)	Climatic conditions	IS 14697:2021 (Amendment 1) (Cl.8.0)
133	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)	Marking of Meters	IS 14697:2021 (Amendment 1) (Cl. 7.0.7.1,7.1.1,7.1.1.1,7.2)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

20 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
134	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)	Phase of Auxiliary supply voltage by 120 degree	IS 14697:2021 (Amendment 1) (Cl. 12.10)
135	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)	Radio Interference Measurement a, Test for conducted emission for the frequency range 0.15 Mhz to 30 Mhz	IS 14697:2021 (Amendment 1) (Cl.12.8.6 a)
136	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)	Rating	IS 14697:2021 (Amendment 1) (Cl. 5.0, 5.1, 5.2, 5.3, 5.4)
137	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)	Startup Test	IS 14697:2021 (Amendment 1) (Cl.11.4.1)
138	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)	Test for Climatic Influences	IS 14697:2021 (Amendment 1) (Cl. 12.6)
139	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)	Test of Accuracy Requirements: General test conditions	IS 14697:2021 (Amendment 1) (Cl.12.9,12.9.1,11)
140	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)	Test of Influence Quantities	IS 14697:2021 (Amendment 1) (Cl.12.10)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

21 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
141	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)	Test of Insulation Properties: General test conditions	IS 14697:2021 (Amendment 1) (Cl.12.7.6, 12.7.6.1)
142	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)	Test of Mechanical Requirements	IS 14697:2021 (Amendment 1) (Cl. 12.3)
143	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)
144	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)
145	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)
146	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Classification	IS 13779 : 2020 (Cl. 4)
147	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Climatic conditions	IS 13779 : 2020 (Cl. 8)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

22 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
148	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Connections, Diagrams and Terminal Marking	IS 13779 :2020 (Cl.7.2)
149	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)
150	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	General and constructional Requirements	IS 13779:2020 (Cl. 6)
151	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)
152	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)
153	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Marking of Meters(Name Plate a to p)	IS 13779 :2020 (Cl.7.0,7.1,7.1.1)
154	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Operation of accessories	IS 13779:2020 (Cl. 11.2)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

23 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
155	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Radio Interference Measurement a, Test for conducted emission for the frequency range 0.15 Mhz to 30 Mhz	IS 13779 : 2020 (Cl. 12.9.6 a)
156	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Ratings	IS 13779 : 2020(Cl. 5.0,5.1,5.2,5.3,5.4)
157	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Startup Test	IS 13779:2020 (Cl. 11.4.1)
158	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test for Climatic influences	IS 13779 (Cl.12.6.8)
159	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of Accuracy Requirements: General test conditions	IS 13779 : 2020 (Cl. 12.10.1,11.0)
160	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)
161	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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

24 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
162	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)
163	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of Influence Quantities	IS 13779 : 2020 (Cl. 12.11)
164	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)
165	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
166	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Continuous magnetic induction of external origin	IS 13779:2020 (Cl. 12.11)
167	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)
168	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



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

25 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
169	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)
170	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)
171	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)
172	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)
173	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)
174	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)
175	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities - Wave form: 10 percent of third harmonic in the current.	IS 13779:2020 (Cl. 12.11)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

26 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of influence quantities Fast-Transients burst test	IS 13779:2020 (Cl. 11.2)
177	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)
178	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of Insulation Properties: General test conditions	IS 13779 : 2020 (Cl. 12.7.6.1)
179	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of mechanical Requirements	IS 13779: 2020 (Cl.12.3)
180	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meter Class 1 and 2 Specification	Test of power consumption test	IS 13779 : 2020 (Cl. 12.7.1)
181	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)
182	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

27 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
183	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)
184	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)
185	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)
186	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)
187	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)
188	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)
189	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

28 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
190	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)
191	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Spring Hammer Test	IS 13779:2020 (Cl. No. 12.3.3)
192	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)
193	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)
194	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)
195	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)
196	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

29 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
197	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)
198	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)
199	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)
200	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)
201	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)
202	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)
203	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

30 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
204	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)
205	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)
206	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 magnetic induction of external origin	IS 14697:2021(Amendment 1)(Cl. 12.11)
207	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)
208	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)
209	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)
210	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

31 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
211	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)
212	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)
213	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: 10 percent of third harmonic in the current	IS 14697:2021(Amendment 1) (Cl. 12.11)
214	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)
215	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)
216	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)
217	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

32 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
218	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)
219	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)
220	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)
221	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)
222	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ac Static Transformer Operated Watthour and Var-Hour Meters(Class 0.2S, 0.5S and1.0S)	Test of immunity to electrostatic discharges	IS 14697:2021(Amendmen t 1)(Cl. 12.8.2)
223	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Accuracy Requirements	IS 15884:2024(Cl. 4.6)
224	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Effect of Earth/phase fault	IS: 15884: 2024 (Cl.no.4.4.2.5)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

33 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
225	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Functional Requirements	IS 15884 :2024 (cl: 6.0,6.1)
226	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Interruption and Restoration of the Load for Emergency Credit Facility	IS 15884:2024(Cl. 5.9)
227	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Load Switching Capability	IS 15884 :2024 (cl:4.8)
228	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Load Switching General Requirements	IS 15884 :2024 (cl: 4.8.1)
229	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Marking of Meters	IS 15884:2024(Cl. 4.2.11)
230	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Mechanical Requirements	IS 15884 :2024 (cl:4.2)
231	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Operation of accessories	IS 15884 :2024 (cl:4.6.2)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

34 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
232	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Performance Requirements for Load Switching (Specific to Utilisation Category)	IS 15884 :2024 (cl: 4.8.2, 4.8.2.1, 4.8.2.2)
233	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Radio Interference Measurement a, Test for conducted emission for the frequency range 0.15 Mhz to 30 Mhz	IS 15884 :2024 (cl: 5.5.5 a)
234	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Requirement of Time Keeping	IS 15884 :2024 (cl: 4.7)
235	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Robustness of Meter Accounting Process	IS 15884 :2024 (cl: 6.2)
236	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Standard Electrical Values	IS 15884 :2024 (cl:4.1, 4.1.1, 4.1.2, 4.1.3, 4.1.4)
237	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Startup Test	IS 15884 2024 (cl:4.6.4.1)
238	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test for Climatic influences	IS 15884:2024 (Cl. No. 5.3)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

35 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
239	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of ambient temperature influence	IS: 15884: 2024 (Cl.no. 4.6.3)
240	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of Charging Functions	IS 15884 :2024 (cl: 5.8)
241	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of Consumption Based Charging Functions	IS 15884 :2024 (cl: 5.8.2)
242	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of mechanical Requirements	IS 15884:2024 Cl. 5.2
243	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of the Load Switch operation for payment function	IS 15884 :2024 (cl: 5.7)
244	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test of Time Based Charging Functions	IS 15884 :2024 (cl: 5.8.1)
245	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test within Limit Range of Operation	IS 15884:2024(Cl. 5.10.2, 5.10.2.1)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

36 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
246	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Test within Specified and Extended Operating Voltage Range	IS 15884:2024(Cl. 5.10.1)
247	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Tests of Accuracy Requirements	IS 15884 :2024 (cl:5.6)
248	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Tests of Insulation Properties: General test conditions	IS 15884:2024(Cl. 5.4.6, 5.4.6.1)
249	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Tests of the Load Switch operation at Different Voltages and Temperature	IS 15884:2024(Cl. 5.10)
250	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters For Active Energy (Class 1 And 2)	Token Carrier Interface	IS 15884:2024(Cl. 4.2.12, 4.2.12.1, 4.2.12.2, 4.2.12.3)
251	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	ac voltage test	IS:15884:2024 (Cl. 5.4.6.3)
252	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Clearance and Creepage Distance	IS:15884:2024 (Cl. 4.2.6)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

37 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Fast Transient Burst Test	IS:15884:2024 (Cl. 5.5.4)
254	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	General Mechanical Requirements	IS:15884:2024 (Cl. 4.2.1, 4.2.2, 4.2.3, 4.2.44.2.5, 4.2.6, 4.2.7. 4.2.8, 4.2.9, 4.2.10)
255	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Impulse voltage test	IS:15884:2024 (Cl. 5.4.6.2)
256	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Insulation resistance test	IS:15884:2024 (Cl. 5.4.6.4)
257	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Interpretation of test result	IS:15884:2024 (Cl. 5.6.6)RA
258	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:15884:2024 (Cl. 4.6.1)
259	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Meter Constant	IS:15884:2024 (Cl. 5.6.5)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

38 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
260	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Repeatability of Error Test	IS:15884:2024 (Cl. 5.6.7)
261	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Spring Hammer Test	IS:15884: 2024 (Cl.no. 5.2.1)
262	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Surge Immunity Test	IS:15884:2024 (Cl. 5.5.6)
263	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:15884:2024 (Cl. 5.4.5)
264	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:15884:2024 (Cl. 5.4.4)
265	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: 2024 (Cl. 5.4.3)
266	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:15884:2024 (Cl. 4.4.2 and 5.4.2)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

39 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
267	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:15884:2024 (Cl. 4.6.2)
268	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:15884:2024 (Cl. 4.6.2)
269	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:15884:2024 (Cl. 4.6.2)
270	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:15884:2024 (Cl. 4.6.2)
271	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:15884:2024 (Cl. 4.6.2)
272	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:15884:2024 (Cl. 4.6.2)
273	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:15884:2024 (Cl. 4.6.2)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

40 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
274	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:15884:2024(Cl. 4.6.2)
275	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:15884:2024 (Cl. 4.6.2)
276	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:15884:2024 (Cl. 5.6.3)
277	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of Power Consumption	IS:15884:2024 (Cl. 5.4.1)
278	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: 2024 (Cl.no. 5.2.4)
279	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: 10 percent of third harmonic in the current	IS:15884:2024 (Cl. 4.6.2)
280	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Test of immunity to electrostatic discharges	IS:15884:2024 (Cl. 5.5.2)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

41 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
281	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and2)	Test of starting condition	IS:15884:2024 (Cl. 5.6.4)
282	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	AC power-frequency voltage test	Cl. 6.9.3.3 IEC 62052-31
283	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Constructional requirements for protection against electric shock	Cl. 6.8 IEC 62052-31
284	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	General & Constructional Requirement Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device, Token carrier interface)	Cl. 6.9 IEC 62052-31
285	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Humidity preconditioning	Cl. 6.9.2.4 IEC 62052-31
286	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Impulse voltage test	Cl. 6.9.3.1 IEC 62052-31



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

42 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
287	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Information and marking requirements	Cl. 5 IEC 62052-31
288	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Long term overvoltage with stand	Cl. 6.10.3.2 IEC 62052-31
289	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Meter case	Cl. 9.3.2.1 IEC 62052-31
290	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Protection against penetration of dust and water	Cl. 11 IEC 62052-31
291	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Spring Hammer Test	Cl. 8.2 IEC 62052-31
292	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Surge test	Cl. 6.9.3.2 IEC 62052-31
293	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Temperature test	Cl. 10.4 IEC 62052-31



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

43 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
294	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Terminal block, Terminal cover	Cl. 9.3.2.2 IEC 62052-31
295	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Directly connected, Transformer-operated or Transducer-operated AC and DC electricity meters and load control equipment	Verification of the ability to carry the rated safe short -time with stand current	Cl. 6.10.6.6 IEC 62052-31
296	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Conformance to protocol implementation as per DLMS/COSEM base standards; IEC 62056 Conformance to protocol Implementation of specific requirements related to : All mandatory parameters All data types All application associations with specified services Association objects with access rights and OBIS codes Events related to DLMS objects with event identifiers	IS 15959 (Part 1):2011 IEC 62056
297	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Data Exchange for Electricity Meter Reading, Tariff and Load Control - Companion Specification Part 2 Smart Meter	IS 15959 (Part 2):2016(Amendment 2)
298	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	High Voltage test	IEC 60688: 2024 (Cl: B.7.8.4)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

44 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
299	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Immunity to electrical fast transients/bursts	Cl. 6.3.2 IEC 60688
300	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Impulse Voltage Test	IEC 60688:2024 (Cl: A.7.20)
301	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Intrinsic Error	IEC 60688:2024 (Cl: A.6.6.1.3)
302	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Surge Immunity test	Cl. 6.3.2 IEC 60688
303	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Temperature rise test	Cl. A.7.22 IEC 60688
304	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Variations due to ambient temperature	Cl. A.7.5 IEC 60688
305	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Variations due to auxiliary supply frequency	Cl. A.7.4 IEC 60688



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

45 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
306	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Variations due to auxiliary supply voltage	Cl. A.7.3 IEC 60688
307	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Variations due to magnetic field of external origin	Cl. A.7.12 IEC 60688
308	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Variations due to output load	IEC 60688:2024 (Cl. A.7.10)
309	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Limits of error due to variation of current	IEC 62052-11:2020 (Cl. 7.9) /A11
310	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Frequency Variation	IEC 62052-11:2020 (Cl. 9.4.6)/A11
311	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	ac voltage test	IEC 62052-11:2020 (Cl. 5.1)
312	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Ambient temperature variation	IEC 62052-11:2020 (Cl. no. 9.4.4)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

46 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
313	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Construction Requirements	IEC 62052-11:2020 (Cl. no. 5.0)/A11
314	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	DC and even harmonics - half wave rectified waveform test	IEC 62052-11:2020 (Cl. 9.4.2.5)/A11
315	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Electrical Fast Transient/Burst Immunity Test	IEC 62052-11:2020 (Cl. no. 9.3.6)/A11
316	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Harmonics in the current and voltage circuits -5th harmonic test	IEC 62052-11:2020 (Cl. 9.4.2.2)/A11
317	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Impulse voltage test	IEC 62052-11:2020 (Cl. 5.1)/A11
318	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Interruption of phase voltage	IEC 62052-11:2020 (Cl. 9.4.5)/A11
319	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Repeatability test	IEC 62052-11:2020 (Cl. no. 7.8)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

47 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
320	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Starting Current	IEC 62052-11:2020 (Cl. no. 7.7)/A11
321	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Surge Immunity Test	IEC 62052-11:2020 (Cl. 9.3.9)/A11
322	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Test of immunity to Earth Fault	IEC 62052-11:2020 (Cl. No. 9.4.13)/A11
323	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of self-heating	IEC 62052-11:2020 (Cl. 9.4.11)/A11
324	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Influence of Short-Time over current	IEC 62052-11:2020 (Cl. 9.4.10)/A11
325	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of influence quantities – Reversed phase sequence	IEC 62052-11:2020 (Cl. 9.4.7)/A11
326	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Meter Constant	IEC 62052-11:2020 ((Cl. no. 7.4)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

48 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
327	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of No Load Condition	IEC 62052-11:2020(Cl. no. 7.6)/A11
328	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Test of Power Consumption Condition	IEC 62052-11:2020 (Cl.7.0)/A11
329	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Metering Equipment	Voltage Variation	IEC 62052-11:2020 (Cl. 9.4.3)/A11
330	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Auxiliary power supply	Cl. 5.10 IEC 62052-11
331	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Auxiliary voltage variation	Cl. 9.4.8 IEC 62052-11
332	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Check of requirements - Storage of measured values	Cl. 5.7 IEC 62052-11
333	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Connection diagrams and terminal marking	Cl. 6.3 IEC 62052-11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

49 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
334	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Construction Requirements - Window	Cl. 5.3 IEC 62052-11
335	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Display of measured values	Cl. 5.6 IEC 62052-11
336	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Effects of external influence quantities and disturbances - Acceptance criteria	Cl. 9.2 IEC 62052-11
337	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Electrical pulse inputs	Cl. 5.9 IEC 62052-11
338	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Electrostatic discharge immunity test	IEC 62052-11:2020 (Cl. 9.3.3)
339	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Emission requirements	Cl. 9.3.14 IEC 62052-11
340	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Frequencies	IEC 62052-11:2020 (Cl. 4.3)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

50 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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	Metering equipment	Initial start-up of the meter	IEC 62052-11:2020(Cl. 7.5)
342	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Meter accuracy class marking	Cl. 6.1 IEC 62052-11
343	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Meter marking and documentation	IEC 62052-11:2020 (Cl. 6.0)
344	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Meter marking and documentation - Verification of Symbols	Cl. 6.4 IEC 62052-11
345	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Methods of accuracy verification	Cl. 7.2 IEC 62052-11
346	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Metrological performance requirements and tests	Cl. 7.0, 7.1 IEC 62052-11
347	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Operation of auxiliary devices	IEC 62052-11:2020 (Cl. 9.4.9)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

51 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
348	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Pulse outputs	Cl. 5.8 IEC 62052-11
349	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Sealing provisions	Cl. 5.5 IEC 62052-11
350	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Terminals - Terminal block(s) - Protective conductor terminal	Cl. 5.4 IEC 62052-11
351	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Test for Nominal electrical values	Cl. 4.0 IEC 62052-11
352	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Test of Currents	Cl. 4.2 IEC 62052-11
353	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Tests of the effects of the climatic environments	Cl. 8.3 IEC 62052-11
354	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	The effects of external influence quantities and disturbances	Cl. 9.0, 9.1 IEC 62052-11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

52 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
355	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Time-keeping accuracy	Cl. 7.11 IEC 62052-11
356	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Verification of Documentation	Cl. 6.5 IEC 62052-11
357	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Verification of Durability	Cl. 8.4 IEC 62052-11
358	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Verification of Meter marking	Cl. 5.8 IEC 62052-11
359	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Metering equipment	Voltages	Cl. 4.1 IEC 62052-11
360	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	ac voltage test	IEC 62053-22:2020 (Cl. 5.1)/A11
361	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Interruption of phase voltage	IEC 62053-22:2020 (Cl. no. 7.10)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

53 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
362	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Repeatability test	IEC 62053-22:2020 (Cl. 7.8)/A11
363	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Surge Immunity Test	IEC 62053-22:2020 (Cl. 7.10)/A11
364	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of immunity to Earth Fault	IEC 62053-22:2020 (Cl. 7.10)/A11
365	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Influence of self-heating	IEC 62053-22:2020 (Cl. 7.10)/A11
366	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Influence of Short-Time over current	IEC 62053-22:2020 (Cl. 7.10)/A11
367	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Ambient temperature variation	IEC 62053-22:2020 (Cl. no. 7.10)/A11
368	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Construction Requirements	IEC 62053-22:2020 (Cl. no. 5.0)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

54 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
369	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Fast transient burst test	IEC 62053-22:2020 (Cl.7.10)/A11
370	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Starting current test	IEC 62053-22:2020 (Cl. no. 7.7)/A11
371	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Meter Constant	IEC 62053-22:2020 (Cl. 7.4)/A11
372	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of no load condition	IEC 62053-22:2020 (Cl. no. 7.6)/A11
373	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Frequency Variation	IEC 62053-21:2020 (Cl. 7.10)/A11
374	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Surge Immunity Test	IEC 62053-21:2020 (Cl. 7.10)/A11
375	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of immunity to Earth Fault	IEC 62053-21:2020 (Cl. 7.10)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

55 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
376	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of No Load Condition	IEC 62053-21:2020 (Cl. no. 7.6)/A11
377	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Construction Requirements	IEC 62053-21:2020 (Cl. no. 5.0)/A11
378	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Impulse voltage test	IEC 62053-21:2020 (Cl. 5.1)/A11
379	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Starting current test	IEC 62053-21:2020 (Cl. no. 7.7)/A11
380	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of Influence of self-heating	IEC 62053-21:2020 (Cl. 7.10)/A11
381	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of Meter Constant	IEC 62053-21:2020 (Cl. 7.4)/A11
382	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy(classes 0,1S, 0,2S and 0,5S)	Impulse voltage test	IEC 62053-22:2020 (Cl. 5.1)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

56 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
383	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Test of influence quantities - Reversed phase sequence	IEC 62053-24:2020 (Cl. no. 7.10)/A11
384	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Repeatability test	IEC 62053-23:2020 (Cl. 7.8)/A11
385	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Surge Immunity Test	IEC 62053-23:2020 (Cl. 7.10)/A11
386	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of immunity to Earth Fault	IEC 62053-23:2020 (Cl. 7.10)/A11
387	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of Influence of self-heating	IEC 62053-23:2020 (Cl. 7.10)/A11
388	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of Influence of Short-Time over current	IEC 62053-23:2020 (Cl. 7.10)/A11
389	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of Meter Constant	IEC 62053-23:2020 (Cl. 7.4)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

57 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
390	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Ambient temperature variation	IEC 62053-23:2020 (Cl. no. 7.10)/A11
391	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Construction Requirements	IEC 62053-23:2020 (Cl. no. 5.0)/A11
392	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Fast transient burst test	IEC 62053-23:2020 (Cl. 7.10)/A11
393	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Impulse voltage test	IEC 62053-23:2020 (Cl. 5.1)/A11
394	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Starting current test	IEC 62053-23:2020 (Cl. no. 7.7)/A11
395	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Limits of error due to variation of current	IEC 62053-21:2020 (Cl. 7.9)/A11
396	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Harmonics in the current and voltage circuits – 5th harmonic test	IEC 62053-22:2020 (Cl. no. 7.10)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

58 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
397	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Reversed phase sequence	IEC 62053-22:2020 (Cl. no. 7.10)/A11
398	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Voltage Variation	IEC 62053-22:2020 (Cl. no. 7.10)/A11
399	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Accuracy requirements - Auxiliary voltage variation	Cl. 7.10 IEC 62053-22
400	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Connection diagrams and terminal marking	Cl. 6.3 IEC 62053-22
401	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Construction requirements - Auxiliary power supply	Cl. 5.10 IEC 62053-22
402	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Construction requirements - Display of measured values	Cl. 5.6 IEC 62053-22
403	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Construction requirements - Electrical pulse inputs	Cl. 5.9 IEC 62053-22



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

59 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
404	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Durability	Cl. 8.4 IEC 62053-22
405	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Effects of external influences - Acceptance criteria	Cl. 9.2 IEC 62053-22
406	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Electrostatic discharge immunity test	IEC 62053-22:2020 (Cl. 7.10)
407	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Emission requirements	Cl. 7.10 IEC 62053-22
408	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Frequencies	IEC 62053-22:2020 (Cl. 4.3)
409	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Frequency Variation	IEC 62053-22:2020 (Cl. no. 7.10)/A11
410	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Initial start-up of the meter	IEC 62053-22:2020(Cl. 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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

60 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
411	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Meter accuracy class marking	IEC 62053-22:2020 (Cl. 6.1)
412	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Meter marking	IEC 62053-22:2020 (Cl. 6.2)
413	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Meter marking and documentation	IEC 62053-22:2020 (Cl. 6.0)
414	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Meter marking and documentation - Verification of Documentation	Cl. 6.5 IEC 62053-22
415	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Methods of accuracy verification	IEC 62053-22:2020 (Cl. 7.2)
416	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Metrological performance requirements and tests	IEC 62053-22:2020 (Cl. 7.1)
417	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Nominal electrical values	IEC 62053-22:2020 (Cl. 4.0)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

61 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
418	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Operation of auxiliary devices	IEC 62053-22:2020 (Cl. 9.4.9)
419	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Pulse outputs	IEC 62053-22:2020 (Cl. 5.8)
420	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Sealing provisions	IEC 62053-22:2020 (Cl. 5.5)
421	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Storage of measured values	IEC 62053-22:2020 (Cl. 5.7)
422	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Symbols	IEC 62053-22:2020 (Cl. 6.4)
423	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Terminals – Terminal block(s) – Protective conductor terminal	IEC 62053-22:2020 (Cl. 5.4)
424	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Test of Power Consumption Condition	IEC 62053-22:2020 (Cl. 7.1) A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

62 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
425	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Tests of the effects of the climatic environments	IEC 62053-22:2020 (Cl. 8.3)
426	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	The effects of external influence quantities and disturbances	IEC 62053-22:2020 (Cl. 9.0)
427	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Time-keeping accuracy	IEC 62053-22:2020 (Cl. 7.11)
428	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Verification of Currents	Cl. 4.2 IEC 62053-22
429	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Voltages	IEC 62053-22:2020 (Cl. 4.1)
430	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Window	IEC 62053-22:2020 (Cl. 5.3)
431	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Fast transient burst test	IEC 62053-21:2020 (Cl. 7.10)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

63 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
432	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	DC and even harmonics – half wave rectified waveform test	IEC 62053-21:2020 (Cl. no. 7.10)/A11
433	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Harmonics in the current and voltage circuits – 5th harmonic test	IEC 62053-21:2020 (Cl. no. 7.10)/A11
434	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Voltage Variation	IEC 62053-21:2020 (Cl. no. 7.10)/A11
435	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Interruption of phase voltage	IEC 62053-21:2020 (Cl. no. 7.10)/A11
436	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of influence quantities – Reversed phase sequence	IEC 62053-21:2020 (Cl. no. 7.10)/A11
437	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	ac voltage test	IEC 62053-21:2020 (Cl. 5.1) /A11
438	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Acceptance criteria	IEC 62053-21:2020 (Cl. 9.2)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

64 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
439	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Ambient temperature variation	IEC 62053-21:2020 (Cl. no. 7.10)/A11
440	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Auxiliary power supply	IEC 62053-21:2020 (Cl. 5.10)
441	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Auxiliary voltage variation	IEC 62053-21:2020 (Cl. 7.10)
442	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Connection diagrams and terminal marking	IEC 62053-21:2020 (Cl. 6.3)
443	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Currents	IEC 62053-21:2020 (Cl. 4.2)
444	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Display of measured values	IEC 62053-21:2020 (Cl. 5.6)
445	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Documentation	IEC 62053-21:2020 (Cl. 6.5)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

65 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
446	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Durability	IEC 62053-21:2020 (Cl. 8.4)
447	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Electrical pulse inputs	IEC 62053-21:2020 (Cl. 5.9)
448	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Electrostatic discharge immunity test	IEC 62053-21:2020 (Cl. 7.10)
449	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Emission requirements	IEC 62053-21:2020 (Cl. 7.10)
450	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Frequencies	IEC 62053-21:2020 (Cl. 4.3)
451	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Initial start-up of the meter	IEC 62053-21:2020(Cl. 7.5)
452	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Meter accuracy class marking	IEC 62053-21:2020 (Cl. 6.1)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

66 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
453	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Meter marking	IEC 62053-21:2020 (Cl. 6.2)
454	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Meter marking and documentation	IEC 62053-21:2020 (Cl. 6.0)
455	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Methods of accuracy verification	IEC 62053-21:2020 (Cl. 7.2)
456	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Metrological performance requirements and tests	IEC 62053-21:2020 (Cl. 7.1)
457	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Nominal electrical values	IEC 62053-21:2020 (Cl. 4.0)
458	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Operation of auxiliary devices	IEC 62053-21:2020 (Cl. 9.4.9)
459	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Pulse outputs	IEC 62053-21:2020 (Cl. 5.8)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

67 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
460	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Sealing provisions	IEC 62053-21:2020 (Cl. 5.5)
461	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Storage of measured values	IEC 62053-21:2020 (Cl. 5.7)
462	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Symbols	IEC 62053-21:2020 (Cl. 6.4)
463	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Terminals – Terminal block(s) – Protective conductor terminal	IEC 62053-21:2020 (Cl. 5.4)
464	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of Influence of Short-Time over current	IEC 62053-21:2020 (Cl. 7.10) A11
465	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Test of Power Consumption Condition	IEC 62053-21:2020 (Cl. 7.1)/A11
466	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Tests of the effects of the climatic environments	IEC 62053-21:2020 (Cl. 8.3)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

68 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
467	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	The effects of external influence quantities and disturbances	IEC 62053-21:2020 (Cl. 9.0)
468	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Time-keeping accuracy	IEC 62053-21:2020 (Cl. 7.11)
469	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (Classes 0,5, 1 and 2)	Verification of Metrological performance requirements and tests	IEC 62053-21:2020 (Cl. 7.1) A11
470	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Voltages	IEC 62053-21:2020 (Cl. 4.1)
471	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5, 1 and 2)	Window	IEC 62053-21:2020 (Cl. 5.3)
472	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0,5,1 and 2)	Repeatability test	IEC 62053-21:2020 (Cl. 7.8)/A11
473	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. 7.9)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

69 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
474	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Construction Requirements	IEC 62053-24:2020 (Cl. no. 5.0)/A11
475	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Fast transient burst test	IEC 62053-24:2020 (Cl. 7.10)/A11
476	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Impulse voltage test	IEC 62053-24:2020 (Cl. 5.1)/A11
477	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Short-Time over current	IEC 62053-24:2020 (Cl. 7.10)/A11
478	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Ambient temperature variation	IEC 62053-24:2020 (Cl. no. 7.10)/A11
479	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	DC and even harmonics – half wave rectified waveform test	IEC 62053-24:2020 (Cl. no. 7.10)/A11
480	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Interruption of phase voltage	IEC 62053-24:2020 (Cl. no. 7.10)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

70 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
481	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Repeatability test	IEC 62053-24:2020 (Cl. 7.8)/A11
482	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Surge Immunity Test	IEC 62053-24:2020 (Cl. 7.10)/A11
483	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Test of immunity to Earth Fault	IEC 62053-24:2020(Cl. 7.10)/A11
484	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Test of Influence of self-heating	IEC 62053-24:2020 (Cl. 7.10)/A11
485	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Test of Meter Constant	IEC 62053-24:2020 (Cl. 7.4)/A11
486	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Electrostatic discharge immunity test	IEC 62053-24:2020(Cl. no. 7.10)
487	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	ac voltage test	IEC 62053-24:2020 (Cl. 5.1)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

71 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
488	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Starting current test	IEC 62053-24:2020 (Cl. no. 7.7)/A11
489	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Limits of error due to variation of current	IEC 62053-24:2020 (Cl. 7.9)/A11
490	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Test of no load condition	IEC 62053-24:2020 (Cl. no. 7.6)/A11
491	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Voltage Variation	IEC 62053-24:2020 (Cl. no. 7.10)/A11
492	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Frequency Variation	IEC 62053-24:2020 (Cl. no. 7.10)/A11
493	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Harmonics in the current and voltage circuits – 5th harmonic test	IEC 62053-24:2020 (Cl. no. 7.10)/A11
494	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Nominal electrical values	IEC 62053-24:2020 (Cl. 4.0)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

72 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
495	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Acceptance criteria	IEC 62053-24:2020 (Cl. 9.2)
496	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Auxiliary power supply	IEC 62053-24:2020 (Cl. 5.10)
497	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Auxiliary voltage variation	IEC 62053-24:2020 (Cl. 7.10)
498	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Connection diagrams and terminal marking	IEC 62053-24:2020 (Cl. 6.3)
499	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Currents	IEC 62053-24:2020 (Cl. 4.2)
500	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Display of measured values	IEC 62053-24:2020 (Cl. 5.6)
501	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Documentation	IEC 62053-24:2020 (Cl. 6.5)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

73 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
502	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Durability	IEC 62053-24:2020 (Cl. 8.4)
503	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Electrical pulse inputs	IEC 62053-24:2020 (Cl. 5.9)
504	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Emission requirements	IEC 62053-24:2020 (Cl. 7.10)
505	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Frequencies	IEC 62053-24:2020 (Cl. 4.3)
506	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Initial start-up of the meter	IEC 62053-24:2020(Cl. 7.5)
507	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Meter accuracy class marking	IEC 62053-24:2020 (Cl. 6.1)
508	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Meter marking	IEC 62053-24:2020 (Cl. 6.2)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

74 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
509	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Meter marking and documentation	IEC 62053-24:2020 (Cl. 6.0)
510	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Methods of accuracy verification	IEC 62053-24:2020 (Cl. 7.2)
511	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Metrological performance requirements and tests	IEC 62053-24:2020 (Cl. 7.1)
512	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Operation of auxiliary devices	IEC 62053-24:2020 (Cl. 9.4.9)
513	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Pulse outputs	IEC 62053-24:2020 (Cl. 5.8)
514	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Sealing provisions	IEC 62053-24:2020 (Cl. 5.5)
515	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Storage of measured values	IEC 62053-24:2020 (Cl. 5.7)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

75 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
516	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Symbols	IEC 62053-24:2020 (Cl. 6.4)
517	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Terminals - Terminal block(s) - Protective conductor terminal	IEC 62053-24:2020 (Cl. 5.4)
518	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Tests of the effects of the climatic environments	IEC 62053-24:2020 (Cl. 8.3)
519	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	The effects of external influence quantities and disturbances	IEC 62053-24:2020 (Cl. 9.0)
520	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Time-keeping accuracy	IEC 62053-24:2020 (Cl. 7.11)
521	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Voltages	IEC 62053-24:2020 (Cl. 4.1)
522	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	Window	IEC 62053-24:2020 (Cl. 5.3)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

76 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
523	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1,2 and 3)	Test of Power Consumption Condition	IEC 62053-24:2020 (Cl. 7.1) A11
524	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	ac voltage test	IEC 62053-23:2020 (Cl. 5.1)/A11
525	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Voltage Variation	IEC 62053-23:2020 (Cl. no. 7.10)/A11
526	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Interruption of phase voltage	IEC 62053-23:2020 (Cl. no. 7.10)/A11
527	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Test of no load condition	IEC 62053-23:2020 (Cl. no. 7.6)/A11
528	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Frequency Variation	IEC 62053-23:2020 (Cl. no. 7.10)/A11
529	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Reversed phase sequence	IEC 62053-23:2020 (Cl. no. 7.10)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

77 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
530	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Acceptance criteria	IEC 62053-23:2020 (Cl. 9.2)
531	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Auxiliary power supply	IEC 62053-23:2020 (Cl. 5.10)
532	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Auxiliary voltage variation	IEC 62053-23:2020 (Cl. 7.10)
533	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Connection diagrams and terminal marking	IEC 62053-23:2020 (Cl. 6.3)
534	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Currents	IEC 62053-23:2020 (Cl. 4.2)
535	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Display of measured values	IEC 62053-23:2020 (Cl. 5.6)
536	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Documentation	IEC 62053-23:2020 (Cl. 6.5)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

78 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
537	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Durability	IEC 62053-23:2020 (Cl. 8.4)
538	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Electrical pulse inputs	IEC 62053-23:2020 (Cl. 5.9)
539	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Electrostatic discharge immunity test	IEC 62053-23:2020 (Cl. 7.10)
540	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Emission requirements	IEC 62053-23:2020 (Cl. 7.10)
541	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Frequencies	IEC 62053-23:2020 (Cl. 4.3)
542	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Harmonics in the current and voltage circuits – 5th harmonic test	IEC 62053-23:2020 (Cl. no. 7.10)/A11
543	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Initial start-up of the meter	IEC 62053-23:2020(Cl. 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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

79 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
544	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Limits of error due to variation of current	IEC 62053-23:2020 (Cl. 7.9)/A11
545	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Meter accuracy class marking	IEC 62053-23:2020 (Cl. 6.1)
546	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Meter marking	IEC 62053-23:2020 (Cl. 6.2)
547	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Meter marking and documentation	IEC 62053-23:2020 (Cl. 6.0)
548	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Methods of accuracy verification	IEC 62053-23:2020 (Cl. 7.2)
549	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Metrological performance requirements and tests	IEC 62053-23:2020 (Cl. 7.1)
550	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Nominal electrical values	IEC 62053-23:2020 (Cl. 4.0)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

80 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
551	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Operation of auxiliary devices	IEC 62053-23:2020 (Cl. 9.4.9)
552	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Pulse outputs	IEC 62053-23:2020 (Cl. 5.8)
553	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Sealing provisions	IEC 62053-23:2020 (Cl. 5.5)
554	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Storage of measured values	IEC 62053-23:2020 (Cl. 5.7)
555	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Symbols	IEC 62053-23:2020 (Cl. 6.4)
556	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Terminals – Terminal block(s) – Protective conductor terminal	IEC 62053-23:2020 (Cl. 5.4)
557	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (Classes 2 and 3)	Test of Power Consumption Condition	IEC 62053-23:2020 (Cl. 7.1) A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

81 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
558	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Tests of the effects of the climatic environments	IEC 62053-23:2020 (Cl. 8.3)
559	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	The effects of external influence quantities and disturbances	IEC 62053-23:2020 (Cl. 9.0,9.1)
560	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Time-keeping accuracy	IEC 62053-23:2020 (Cl. 7.11)
561	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Voltages	IEC 62053-23:2020 (Cl. 4.1)
562	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy (classes 2 and 3)	Window	IEC 62053-23:2020 (Cl. 5.3)
563	ELECTRICAL- EMI / EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61000-4-4
564	ELECTRICAL- EMI / EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14700 (Part 4) Sec 4 RA
565	ELECTRICAL- EMI / EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61000-4-5
566	ELECTRICAL- EMI / EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 14700 (Part 4) Sec 5 RA
567	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	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 :

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

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

82 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
568	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for AC active energy (classes 0,5, 1 and 2)	Cold test	IEC 62053-21:2020 (Cl. no. 8.0)/A11
569	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static Meters for reactive energy (Classes 2 and 3)	Cold Test	IEC 62053-23:2020(Cl. no. 8.0)/A11
570	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
571	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
572	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Dry heat test	IS16444 (Part 1): 2015 (Amendment 3) (Clause No. 6.9) RA
573	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
574	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
575	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
576	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
577	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
578	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
579	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

83 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
580	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
581	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
582	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
583	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
584	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
585	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
586	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)
587	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	a.c. Static Watthour Meters, Class 1 and 2	Damp Heat Cyclic Test	IS 13779: 2020 (Cl.no.12.6.3)
588	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	a.c. Static Watthour Meters, Class 1 and 2	Protection against Penetration of Dust and Water	IS 13779:2020 (Cl.no.12.5)
589	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	a.c. Static Watthour Meters, Class 1 and 2	Shock test	IS 13779 :2020 (Cl.no. 12.3.1)
590	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	a.c. Static Watthour Meters, Class 1 and 2	Vibration test	IS 13779:2020 (Cl.no.12.3.2)
591	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

84 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
592	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ac Static Watt Hour Meters, Class 1 and 2	Dry heat test	IS 13779:2020 (clause No. 6.9)
593	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ac Static WattHour Meters, Class 1 and 2	Cold Test	IS 13779 :2020 (Cl.No. 12.6.2)
594	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Protection against Penetration of Dust & Water	IS 15884:2024 (Cl. No. 5.2.5)
595	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Cold Test	IS 15884:2024 (Cl.No.5.3.2)
596	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Damp Heat Cyclic Test	IS 15884: 2024 (Cl.no. 5.3.3)
597	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Dry Heat Test	IS 15884:2024 (Cl.No 5.3.1)
598	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Shock Test	IS 15884:2024 (Cl.no. 5.2.2)
599	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Alternating Current Direct Connecting Static prepayment meters for Active Energy (Class- 1 and 2)	Vibration Test	IS 15884:2024 (Cl.no. 5.2.3)
600	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK01 Test (IK Code)	IEC 62262
601	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK02 Test (IK Code)	IEC 62262
602	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK03 Test (IK Code)	IEC 62262
603	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK04 Test (IK Code)	IEC 62262



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

85 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
604	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK05 Test (IK Code)	IEC 62262
605	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK06 Test (IK Code)	IEC 62262
606	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK07 Test (IK Code)	IEC 62262
607	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK08 Test (IK Code)	IEC 62262
608	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK09 Test (IK Code)	IEC 62262
609	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Degree of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)	IK10 Test (IK Code)	IEC 62262
610	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Change of temperature	IEC 60068-2-14
611	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Cold Test	IEC 60068-2-1
612	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Cold Test	IS/IEC 60068 : Part 2 : Sec 1
613	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Damp heat cyclic	IEC:60068-2-30
614	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Damp Heat Cyclic Test	IS:9000 (Part-V/Sec-1&2):1981 RA
615	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Damp heat steady state	IEC 60068-2-78



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

86 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
616	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Dry Heat Test	IEC 60068-2-2
617	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Dry Heat Test	IS:9000 (Part-III/Sec-1 to 5):1977 RA
618	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Hammer tests	IEC 60068-2-75:2014+AMD1
619	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Hammer tests	IS 9000 : Part 7 : Sec 7 : 2020 RA
620	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Salt mist	IEC 60068-2-11
621	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Salt mist, cyclic	IEC 60068-2-52
622	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Shock Test	IEC 60068-2-27
623	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Vibration Test	IS/IEC 60068-2-6
624	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Resistance to heat and fire	IEC 60695-2-11
625	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Resistance to heat and fire	IS 11000 (Part 2):Sec 1:2018 RA
626	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Cold test	IEC 60688:2024 (Cl: B.7.4)
627	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Damp heat cycle	IEC 60688:2024 (Cl: B.7.4)



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

87 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
628	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Dry heat test	IEC 60688:2024 (Cl: B.7.4)
629	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Shock test	IEC 60688:2024 (Cl: A.7.23)
630	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical measuring transducers for converting AC and DC electrical quantities to analogue or digital signals	Vibration test	IEC 60688:2024 (Cl: A.7.23)
631	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 1)	IS/IEC 60529:2001 (Cl. No. 5)RA
632	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 2)	IS/IEC 60529:2001 (Cl. No. 5)RA
633	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 3)	IS/IEC 60529:2001 (Cl. No. 5)RA
634	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 4)	IS/IEC 60529:2001(Cl. No. 5)RA
635	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 5)	IS/IEC 60529:2001 (Cl. No. 5)RA
636	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (First characteristic numeral 6)	IS/IEC 60529:2001 (Cl. No. 5)RA
637	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 1)	IS/IEC 60529: 2001 (Cl. No. 6)RA



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

88 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
638	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 2)	IS/IEC 60529:2001 (Cl. No. 6)RA
639	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 3)	IS/IEC 60529:2001 (Cl. No. 6)RA
640	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 4)	IS/IEC 60529:2001 (Cl. No. 6)RA
641	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 5)	IS/IEC 60529 :2001 (Cl. No. 6)RA
642	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 6)	IS/IEC 60529:2001 (Cl. No. 6)RA
643	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 7)	IS/IEC 60529:2001 (Cl. No. 6)RA
644	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical, Electronics Products and Components	Degrees of Protection provided by enclosures (Second characteristic numeral 8)	IS/IEC 60529:2001 (Cl. No. 6)RA
645	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electricity metering equipment	Cold Test	IEC 62052-11:2020 (Cl. no.8.3.4) /A11
646	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electricity metering equipment	Damp Heat Cyclic Test	IEC 62052-11:2020 (Cl. no.8.3.5)/A11
647	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electricity metering equipment	Dry Heat Test	IEC 62052-11:2020 (Cl. no.8.3.3)/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

89 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
648	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electricity metering equipment	Shock test	IEC 62052-11:2020 (Cl. no. 5.2.1)/A11
649	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electricity metering equipment	Vibration test	IEC 62052-11:2020 (Cl. no. 5.2.2)/A11
650	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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. 8.0)/A11
651	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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. 8.0)/A11
652	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
653	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
654	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
655	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
656	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic/Electrical items and Enclosures	Composite temperature/Humidity cyclic test	IEC 60068-2-38
657	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronic/Electrical items and Enclosures	Vibration, broadband random and guidance	IEC 60068-2-64:2008+Amd1
658	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ENVIRONMENTAL TEST METHODS FOR ELECTRONIC AND ELECTRICAL EQUIPMENT	CORROSION (ACID)	JSS : 55555:2025, Rev.No.5, Test No.07
659	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ENVIRONMENTAL TEST METHODS FOR ELECTRONIC AND ELECTRICAL EQUIPMENT	CORROSION (ALKALINE)	JSS : 55555:2025, Rev.No.5 Test No.08



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

90 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
660	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ENVIRONMENTAL TEST METHODS FOR ELECTRONIC AND ELECTRICAL EQUIPMENT	Corrosion (Salt/ Salt Fog)	JSS : 55555:2025, Rev.No.5, Test No.9
661	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ENVIRONMENTAL TEST METHODS FOR ELECTRONIC AND ELECTRICAL EQUIPMENT	Damp Heat Test	JSS 55555:2025, Rev. No.5, Test no.10
662	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ENVIRONMENTAL TEST METHODS FOR ELECTRONIC AND ELECTRICAL EQUIPMENT	High Temperature	JSS 55555:2025 Rev.No.5,Test Number 17
663	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ENVIRONMENTAL TEST METHODS FOR ELECTRONIC AND ELECTRICAL EQUIPMENT	Low Temperature Test	JSS : 55555:2025, Rev.No.5, Test No.20
664	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ENVIRONMENTAL TEST METHODS FOR ELECTRONIC AND ELECTRICAL EQUIPMENT	Vibration: Random	JSS 55555:2025, Rev. No.5, Test No.28
665	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	ENVIRONMENTAL TEST METHODS FOR ELECTRONIC AND ELECTRICAL EQUIPMENT	Vibration: Sine	JSS 55555 :2025, Rev. No.5, Test No.28
666	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing Of Telecommunication Equipment	Corrosion - salt	QM 333:2010 Test No. 9
667	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing Of Telecommunication Equipment	Damp Heat Steady State	QM 333:2010 Test No. 5
668	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing Of Telecommunication Equipment	High Temperature (Dry heat)	QM 333:2010 Test No. 2
669	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing Of Telecommunication Equipment	Low Temperature (cold)	QM 333: 2010 Test No. 1
670	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing Of Telecommunication Equipment	Tropical Exposure (Damp Heat Cyclic)	QM 333:2010 Test No. 3
671	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing Of Telecommunication Equipment	Vibration	QM 333:2010 Test No. 6



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

91 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
672	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Environmental Testing Of Telecommunication Equipment	Water Immersion	QM 333:2010 Test No. 8
673	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive	Composite temperature/humidity cyclic test	IEC 61300-2-21
674	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive components	Change of temperature	IEC 61300-2-22
675	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive components	Cold Test	IEC 61300-2-17
676	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive components	Damp heat (steady state)	IEC 61300-2-19
677	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive components	Damp heat, cyclic	IEC 61300-2-46
678	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive components	Dry Heat	IEC 61300-2-18
679	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive components	Salt mist	IEC 61300-2-26
680	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive components	Shock Test	IEC 61300-2-9
681	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Fiber optic interconnecting devices and passive components	Vibration	IEC 61300-2-1
682	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Shock Test	IEC 62053-22:2020 ((Cl. no. 8.0))/A11
683	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	Vibration Test	IEC 62053-22:2020((Cl. no. 8.0))/A11



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

92 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
684	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for AC active energy (classes 0,5, 1 and 2)	Shock Test	IEC 62053-21:2020 (Cl. no. 8.0)/A11
685	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for AC active energy (classes 0,5, 1 and 2)	Vibration Test	IEC 62053-21:2020 (Cl. no. 8.0)/A11
686	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) and 3)	Vibration Test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
687	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Cold Test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
688	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
689	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for Reactive energy (classes 0.5s, 1s, 1 ,2 and 3)	Shock Test	IEC 62053-24:2020 (Cl. no. 8.0)/A11
690	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	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
691	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for reactive energy (classes 2 and 3) and 3)	Vibration Test	IEC 62053-23:2020 (CL.8.0)/A11
692	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Static meters for reactive energy (classes 2 and 3)	Shock Test	IEC 62053-23:2020 (Cl. no. 8.0)/A11
693	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Additional means of protection in case of SINGLE FAULT CONDITIONS	IEC 61010-1:2010 cl.no 6.5 Amendment 1:2016/COR1
694	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Creepage distances and clearances	IEC 61010 1:2010 cl.no. 6.7.2.1, 10.5.1 Amendment 1:2016/COR1



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

NABLT0926KA19378

Page No

93 of 94

Validity

20/07/2026 to 19/07/2030

Last Amended on

10/09/2026

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
695	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Determination of ACCESSIBLE parts	IEC 61010-1:2010 cl.no. 6.2 Amendment 1:2016/COR1
696	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Durability of markings	IEC 61010-1:2010 Cl. No. 5.3 Amendment 1:2016/COR1
697	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Humidity preconditioning	IEC 61010-1:2010 cl.no. 6.8.2 Amendment 1:2016/COR1
698	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Impact test	IEC 61010-1:2010 Cl. No. 8.2.2 Amendment 1:2016/COR1
699	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Insulating material	IEC 61010-1:2010 Cl. No. 10.5.3 Amendment 1:2016/COR1
700	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Limit values for accessible parts	IEC 61010-1:2010 cl.no. 6.3 Amendment 1:2016/COR1
701	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Limited energy circuit	IEC 61010-1:2010 cl.no. 9.4 Amendment 1:2016/COR1
702	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Marking and documentation	IEC 61010-1:2010 cl.no. 5 Amendment 1:2016/COR1
703	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Non-metallic ENCLOSURES	IEC 61010-1:2010 cl. no. 10.5.2 Amendment 1:2016/COR1
704	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	Testing in SINGLE FAULT CONDITION	IEC 61010-1:2010 cl.no.4.4 Amendment 1:2016/COR1
705	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	The 1 min d.c. voltage test	IEC 61010-1:2010 cl.no. 6.8.3.2 Amendment 1:2016/COR1
706	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	The a.c. voltage test	IEC 61010-1:2010 cl.no. 6.8.3.1 Amendment 1:2016/COR1



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, AREBBINAMANGALA VILLAGE, JALA HOBLI, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	NABLT0926KA19378	Page No	94 of 94
Validity	20/07/2026 to 19/07/2030	Last Amended on	10/09/2026

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
707	ELECTRICAL- SAFETY TESTING FACILITY	Safety requirements for electrical equipment for measurement, control, and laboratory use	The impulse voltage withstand test	IEC 61010-1:2010 cl.no. 6.8.3.3 Amendment 1:2016/COR1