National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING AND CALIBRATION LABORATORY, SECURE METERS LIMITED, F-378 TO 380, G-421 TO 432, G1-390 TO 396, H-381 TO 389, RIICO BHAMASHAH INDUSTRIAL AREA, KALADWAS, UDAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	ac High Voltage Test	IS 16444 (Cl. 6.10.6)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Insulation Resistance Test	IS 16444 (Cl. 6.10.6)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Influence Quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	IS 16444 (Cl. 6.12)
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Meter Constant	IS 16444 (Cl. 6.12)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of No-load Condition	IS 16444 (Cl. 6.12)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Power Consumption	IS 16444 (Cl. 6.10.1)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Repeatability of error	IS 16444 (Cl. 6.12)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test of Starting Condition	IS 16444 (Cl. 6.12)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Direct Connected Watthour Smart Meter Class 1 and 2	Test on Limits of Error	IS 16444 (Cl. 6.12)
10	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) (Cl. 6.10.6)

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11	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) (Cl. 6.10.6)
12	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, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	IS 16444 (Part 2) (Cl. 6.12)
13	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 Meter Constant	IS 16444 (Part 2) (Cl. 6.12)
14	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) (Cl. 6.12)
15	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	IS 16444 (Part 2) (Cl. 6.10.1)
16	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) (Cl. 6.12)
17	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) (Cl. 6.12)
18	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) (Cl. 6.12)
19	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	a.c. High Voltage Test	IS 14697 (Cl. 12.7.6.3)
20	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Insulation Resistance Test	IS 14697 (Cl. 12.7.6.4)
21	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Influence Quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	IS 14697 (Cl. 12.10)

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22	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Meter Constant	IS 14697 (Cl. 12.14)
23	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of No-load Condition	IS 14697 (Cl. 12.12)
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Power Consumption	IS 14697 (Cl. 12.7.1)
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Repeatability of error	IS 14697 (Cl. 12.16)
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test of Starting Condition	IS 14697 (Cl. 12.13)
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Transformer Operated Watthour Meters (Class 0.2 S and 0.5 S) and Var-Hour Meters (Class 0.2 S, 0.5 S and 1 S)	Test on Limits of Error	IS 14697 (Cl. 11.1)
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	a.c. High Voltage Test	IS 13779 (Cl. 12.7.6.3)
29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Insulation Resistance Test	IS 13779 (Cl. 12.7.6.4)
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Influence Quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	IS 13779 (Cl. 12.11)
31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Meter Constant	IS 13779 (Cl. 12.15)
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of No-load Condition	IS 13779 (Cl. 12.13)

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33	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Power Consumption	IS 13779 (Cl. 12.7.1)
34	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Repeatability of error	IS 13779 (Cl. 12.17)
35	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test of Starting Condition	IS 13779 (Cl. 12.14)
36	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	a.c. Static Watthour Meters, Class 1 and 2	Test on Limits of Error	IS 13779 (Cl. 11.1)
37	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters, Part 1: Metrological and Technical Requirements	AC Voltage Test	NMI M 6-1 (Part 1) (Cl. A.2.20)
38	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters, Part 1: Metrological and Technical Requirements	Class Indices	NMI M 6-1 (Part 1) (Cl. 4.7)
39	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters, Part 1: Metrological and Technical Requirements	Meter Constant	NMI M 6-1 (Part 1) (Cl. 4.6)
40	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters, Part 1: Metrological and Technical Requirements	Running with No Load	NMI M 6-1 (Part 1) (Cl. 5.7.3)
41	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Active-Energy Electricity Meters, Part 1: Metrological and Technical Requirements	Starting	NMI M 6-1 (Part 1) (Cl. 5.7.4)
42	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	a.c. Voltage Test	IS 15884 (Cl. 5.4.6.3)
43	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Insulation Resistance Test	IS 15884 (Cl. 5.4.6.4)

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44	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of Meter Constant	IS 15884 (Cl. 5.6.5)
45	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of No-load Condition	IS 15884 (Cl. 5.6.3)
46	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of Power Consumption	IS 15884 (Cl. 5.4.1)
47	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of Repeatability of error	IS 15884 (Cl. 5.6.7)
48	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test of Starting Condition	IS 15884 (Cl. 5.6.4)
49	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test on limits of error due to other influence quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	IS 15884 (Cl. 4.6.2)
50	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Alternating Current Direct Connected Static Prepayment Meters for Active Energy (Class 1 and 2)	Test on limits of error due to variation of the current	IS 15884 (Cl. 4.6.1)
51	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meters (Classes 0.5S, 1S & 1)	Starting	AS 62053.24 (Cl. 8.4.4)
52	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31 : Product safety requirements and tests	The AC power-frequency voltage test	IEC 62052 - 31 (Cl. 6.10.4.3.4)
53	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	AC Voltage Test	CBIP-325 (Cl. 5.4.6.3)

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54	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	Insulation Resistance Test	CBIP-325 (Cl. 5.4.6.4)
55	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	Repeatability of error test	CBIP-325 (Cl. 5.6.9)
56	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	Test of Influence Quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	CBIP-325 (Cl. 5.6.2)
57	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	Test of Meter Constant	CBIP-325 (Cl. 5.6.6)
58	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	Test of No-load Condition	CBIP-325 (Cl. 5.6.4)
59	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	Test of Power Consumption	CBIP-325 (Cl. 5.4.1)
60	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	Test of Starting Condition	CBIP-325 (Cl. 5.6.5)
61	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static Energy Meter - Specifications & Testing	Test on Limits of Error	CBIP-325 (Cl. 5.6.8)
62	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1S, 0.2S and 0.5S)	Limits of error due to influence quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	IEC 62053 - 22 (Cl. 7.10)
63	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1S, 0.2S and 0.5S)	Limits of error due to variation of the current	IEC 62053 - 22 (Cl. 7.9)

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64	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1S, 0.2S and 0.5S)	Meter Constant	IEC 62053 - 22 (Cl. 7.4)
65	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1S, 0.2S and 0.5S)	Power Consumption	IEC 62053 - 22 (Cl. 4.4)
66	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.1S, 0.2S and 0.5S)	Repeatability test	IEC 62053 - 22 (Cl. 7.8)
67	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 (Cl. 7.7)
68	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 (Cl. 7.6)
69	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.5, 1 and 2)	Limits of error due to influence quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	IEC 62053 - 21 (Cl. 7.10)
70	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.5, 1 and 2)	Limits of error due to variation of the current	IEC 62053 - 21 (Cl. 7.9)
71	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.5, 1 and 2)	Meter Constant	IEC 62053 - 21 (Cl. 7.4)
72	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.5, 1 and 2)	Power Consumption	IEC 62053 - 21 (Cl. 4.4)
73	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.5, 1 and 2)	Repeatability test	IEC 62053 - 21 (Cl. 7.8)

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74	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for AC active energy (classes 0.5, 1 and 2)	Starting Current Test	IEC 62053 - 21 (Cl. 7.7)
75	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 (Cl. 7.6)
76	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 0.2 S and 0.5 S)	AC Voltage Test	AS 62053.22 (Cl. 7.4)
77	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 0.2 S and 0.5 S)	Limits of error due to influence quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	AS 62053.22 (Cl. 8.2)
78	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 0.2 S and 0.5 S)	Limits of error due to variation of the current	AS 62053.22 (Cl. 8.1)
79	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 0.2 S and 0.5 S)	Meter Constant	AS 62053.22 (Cl. 8.4)
80	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 0.2 S and 0.5 S)	Power consumption	AS 62053.22 (Cl. 7.1)
81	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 0.2 S and 0.5 S)	Starting	AS 62053.22 (Cl. 8.3.3)
82	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 0.2 S and 0.5 S)	Test of No-load Condition	AS 62053.22 (Cl. 8.3.2)
83	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 1 and 2)	AC Voltage Test	AS 62053.21 (Cl. 7.4)

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84	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 1 and 2)	Limits of error due to influence quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	AS 62053.21 (Cl. 8.2)
85	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 1 and 2)	Limits of error due to variation of the current	AS 62053.21 (Cl. 8.1)
86	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 1 and 2)	Meter Constant	AS 62053.21 (Cl. 8.4)
87	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 1 and 2)	Power Consumption	AS 62053.21 (Cl. 7.1)
88	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 1 and 2)	Starting	AS 62053.21 (Cl. 8.3.3)
89	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for active energy (classes 1 and 2)	Test of No-load Condition	AS 62053.21 (Cl. 8.3.2)
90	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 influence quantities (Voltage Variation, Frequency Variation, Reverse Phase Sequence, Voltage Unbalance)	IEC 62053 - 24 (Cl. 7.10)
91	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 the current	IEC 62053 - 24 (Cl. 7.9)
92	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0.5S, 1S, 1, 2 and 3)	Meter Constant	IEC 62053 - 24 (Cl. 7.4)
93	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for fundamental component reactive energy (classes 0.5S, 1S, 1, 2 and 3)	Power Consumption	IEC 62053 - 24 (Cl. 4.4)

SCOPE OF ACCREDITATION

Laboratory Name :	TESTING AND CALIBRATION LABORATORY, SECURE METERS LIMITED, F-378 TO 380, G-421 TO 432, G1-390 TO 396, H-381 TO 389, RIICO BHAMASHAH INDUSTRIAL AREA, KALADWAS, UDAIPUR, RAJASTHAN, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7260	**Page No**	10 of 10
Validity	21/12/2022 to 20/12/2024	**Last Amended on**	22/12/2022

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
94	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 (Cl. 7.8)
95	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 (Cl. 7.7)
96	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 (Cl. 7.6)
97	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency (classes 0.5 S, 1 S and 1)	AC Voltage Test	AS 62053.24 (Cl. 7.5)
98	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency (classes 0.5 S, 1 S and 1)	Limits of error due to variation of the current	AS 62053.24 (Cl. 8.2)
99	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency (classes 0.5 S, 1 S and 1)	Meter Constant	AS 62053.24 (Cl. 8.5)
100	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency (classes 0.5 S, 1 S and 1)	Power Consumption	AS 62053.24 (Cl. 7.2)
101	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency (classes 0.5 S, 1 S and 1)	Test of Influence Quantities (Voltage Variation, Frequency Variation)	AS 62053.24 (Cl. 8.3.1)
102	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static meters for reactive energy at fundamental frequency (classes 0.5 S, 1 S and 1)	Test of No-load Condition	AS 62053.24 (Cl. 8.4.3)