



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

MEASUREMATIC INDIA, NO. 9, 14TH CROSS STREET, MAHARAJA NAGAR, PALAYAMKOTTAI, TIRUNELVELI, TAMIL NADU, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-8483

**Page No**

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**Validity**

10/05/2021 to 09/05/2023

**Last Amended on**

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	15-Minute Block Average Frequency Measurement Test	CBIP No.304 Clause 6.9(c) (i)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Limits of Error	IEC 62053-22 Clause 7.9
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Limits of Error	IS 13779(RA 2014) Amd 5 Clause 11.1
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Meter Constant	IEC 62053-22 clause 7.4
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Meter Constant	IS 13779 (RA 2014) Amd 5 Clause 12.15
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Meter Constant	IS 14697 (RA 2019) Clause 12.14 Amd 4
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	No load Condition	IEC 62053-22 Clause 7.6
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	No Load Condition	IS 13779 (RA 2014) Amd 5 Clause 12.13
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	No Load Condition	IS 14697 (RA 2019) Clause 12.12 Amd 4
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Reactive Energy Registration Verification Test during voltage high (V>103%) & voltage low (V)	CBIP No.304 Clause 6.1(C) (iv & v)



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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Starting Current	IEC 62053-22 Clause 7.7
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Starting Current	IS 13779 (RA 2014) Amd 5 Clause 12.14
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static Watt-hour (3 phase) Meters class 0.2s,0.5s,1.0	Starting Current	IS 14697 (RA 2019) Amd 4 Clause 12.13
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC Static watt-hour meters (3 phase) class 0.2s,0.5s,1.0	Limits of Error	IS 14697 (RA 2019) clause 11.1 Amd.4
15	ELECTRICAL- INDUCTORS & TRANSFORMERS	Combined Transformer	Terminal Markings	IS 16227 (Part 4):2015, IEC 61869-4 (CI 6.13.401)
16	ELECTRICAL- INDUCTORS & TRANSFORMERS	Combined Transformer	Test for Accuracy	IS 16227 (Part 4):2015, IEC 61869-4 (CI.7.2.6.401 & 402)
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Test for Accuracy	IS 16227 (PART 2): 2016, IEC 61869 - 2 (CI 7.2.6.201)
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformers	Terminal Markings	IS 16227 (Part 2):2016, IEC 61869-2 (CI 6.13.201)
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformer (Single Phase & Three Phase)	Test for Accuracy	IS 16227 (Part 3):2015, IEC 61869-3(CI 7.2.6.301)
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (Single Phase & Three Phase)	Terminal Markings	IS 16227 (Part 3):2015, IEC 61869-3 (CI 6.13.301)



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20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (Single Phase & Three Phase)	Terminal Markings	IS 16227 (Part 3):2015, IEC 61869-3 (CI 6.13.301)