National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METER TESTING LABORATORY, UHBVN, POWER HOUSE COMPLEX, KUNJPURA ROAD, KARNAL, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11150 **Page No** 1 of 2

Validity 12/11/2022 to 11/11/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2s & 0.5s	AC High Voltage Test	IS 14697 Clause No. 12.7.6.3
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2s & 0.5s	Insulation Resistance Test	IS 14697 Clause No. 12.7.6.4
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2s & 0.5s	Test of Meter Constant	IS 14697 Clause No. 11.6, 12.14
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2s & 0.5s	Test of No Load condition	IS 14697 Clause No. 11.4, 12.12
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2s & 0.5s	Test of Power Consumption	IS 14697 Clause No. 9.1.1, 9.1.2
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2s & 0.5s	Test of Repeatability of Error	IS 14697 Clause No. 11.7, 12.16
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2s & 0.5s	Test on Limits of Error	IS 14697 Clause No. 11.1
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2s & 0.5s	Testing of Starting Condition	IS 14697 Clause No. 11.5, 12.13
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	AC High Voltage Test	IS 13779 Clause No. 12.7.6.3
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	Insulation Resistance Test	IS 13779 Clause No.12.7.6.4

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	Test of Meter Constant	IS 13779 Clause No. 11.6, 12.15
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	Test of No. Load Condition	IS 13779 Clause No. 11.4, 12.13
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	Test of Power Consumption	IS 13779 Clause No. 9.1.1, 9.1.2
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	Test of Repeatability of Error	IS 13779 Clause No.11.7, 12.17
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	Test of Starting Condition	IS 13779 Clause No. 11.5, 12.14
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	Test on limits of Error	IS 13779 Clause No. 11.1
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Test of Phase Angle Error	IS16227 Part-2 Clause No. 5.6.201.3
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Test of Phase Error	Withdrawn Standard Cl.3.3.1 & Cl. 3.3.3 of IS 2705 (Part 2)
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Test of Ratio Error	IS 16227 Part-2 Clause No. 5.6.201.3
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Test of Ratio Error	Withdrawn Standard Cl. 3.3.1 & Cl. 3.3.3 of IS 2705 (Part-2)
21	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Test of Phase Error	IS 16227 Part-3 Clause No. 5.6.301.3
22	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Test of Phase Error	Withdrawn Standard IS 3156: Part-2 Clause No. 5.1
23	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Test of Ratio Error	IS 16227 Part-3 Clause No. 5.6.301.3
24	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Test of Ratio Error	Withdrawn Standard Cl. 5.1 of IS 3156 (Part 2)