National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METER TESTING LABORATORY UHBVN YAMUNANAGAR, PATEL NAGAR, YAMUNANAGAR, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11341 **Page No** 1 of 2

Validity 19/01/2023 to 18/01/2025 **Last Amended on** 12/04/2023

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 0.2s & 0.5s	AC High voltage Test	IS 14697: Clause No. 12.7.6.3
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter 0.2s & 0.5s	Test of Power Consumption	IS 14697:Clause No. 9.1.1 & 9.1.2
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter class 1	Test of Power Consumption	IS 13779:Clause No. 9.1.1 & 9.1.2
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy meter class 1	Test on limits of Error	IS 13779: Clause No. 11.1
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter 0.2s & 0.5s	Insulation Resistance Test	IS 14697:Clause No. 12.7.6.4
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	ENERGY METER 0.2s & 0.5s	Test of Meter Constant	IS 14697:Clause No. 11.6, 12.14
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter 0.2s & 0.5s	Test of no load condition	IS 14697 : Clause No. 11.4, 12.12
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter 0.2s & 0.5s	Test of Repeatability of Error	IS 14697 : Clause No. 11.7 ,12.16
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter 0.2s & 0.5s	Test of Starting Condition	IS 14697 : Clause No. 11.5, 12.13
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter 0.2s & 0.5s	Test on limits of Error	IS 14697: Clause No. 11.1

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1	AC High voltage Test	IS 13779 : Clause No. 12.7.6.3
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter class 1	Insulation Resistance Test	IS 13779:: Clause No. 12.7.6.4
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter class 1	Test of Meter Constant	IS 13779: Clause No. 11.6, 12.15
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter class 1	Test of no load condition	IS 13779: Clause No. 11.4 , 12.13
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter class 1	Test of Repeatability of Error	IS 13779:Clause No. 11.7 ,12.17
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter class 1	Test of Starting Condition	IS 13779:Clase No.11.5 & 12.14
17	ELECTRICAL- INDUCTORS & TRANSFORMERS	CURRENT TRANSFORMER CLASS 0.5, 0.5S, 0.2S	Test of Phase Angle Error	cl 5.6.13of IS 16227 Part 2
18	ELECTRICAL- INDUCTORS & TRANSFORMERS	CURRENT TRANSFORMER CLASS 0.5, 0.5S, 0.2S	Test of Phase Error	withdrawn standard cl 3.3.1& 3.3.3 of IS 2705(Part 2)
19	ELECTRICAL- INDUCTORS & TRANSFORMERS	CURRENT TRANSFORMER CLASS 0.5, 0.5S, 0.2S	Test of Ratio Error	Cl No. 5.6.201.3 of IS 16227 (part 2) RA:2021
20	ELECTRICAL- INDUCTORS & TRANSFORMERS	CURRENT TRANSFORMER CLASS 0.5, 0.5S, 0.2S	Test of Ratio Error	withdrawn standard cl.3.3.1 & 3.3.3 of IS 2705 (part 2)
21	ELECTRICAL- INDUCTORS & TRANSFORMERS	VOLTAGE TRANSFORMER CLASS 0.5, 0.2	Test of Ratio Error	withdrawn standard cl no5.1 ofIS 3156:Part -2
22	ELECTRICAL- INDUCTORS & TRANSFORMERS	VOLTAGE TRANSFORMER 0.5 , 0.2	Test of Phase Error	Cl No. 5.6.301.3 of IS 16227:Part -3
23	ELECTRICAL- INDUCTORS & TRANSFORMERS	VOLTAGE TRANSFORMER 0.5 , 0.2	Test of Phase Error	Withdrawn standard Clause No. 5.1 IS 3156: Part -2
24	ELECTRICAL- INDUCTORS & TRANSFORMERS	VOLTAGE TRANSFORMER 0.5 , 0.2	Test of Ratio Error	Cl no 5.6.301.3 of IS 16227:Part -3