National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LABORATORY, HIMACHAL ENERGY PRIVATE LIMITED, VILLAGE SHAVELA, P.O. JABLI, TEHSIL- KASAULI, SOLAN, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5334 **Page No** 1 of 3

Validity 23/02/2022 to 22/02/2024 **Last Amended on** 12/04/2022

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
Permanent Facility				
1	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Insulation Resistance	IS 13779
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Insulation Resistance	IS 14697
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	AC High Voltage	IS 13779
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	AC High Voltage	IS 14697
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Limits of Error	IS 14697
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	No Load Condition	IS 14697
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Power Consumption	IS 13779
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Power Consumption	IS 14697
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Repeatability of Error	IS 14697
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 0.2S, 0.5S, 1.0S)	Insulation Resistance	IS 16444 (Part 2, Clause 6.10.6)

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 0.2S, 0.5S, 1.0S)	AC High Voltage	IS 16444 (Part 2, Clause 6.10.6)
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 0.2S, 0.5S, 1.0S)	Power Consumption Test	IS 16444 (Part 2, Clause 6.10.1)
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 0.2S, 0.5S, 1.0S)	Test of Meter Constant	IS 16444 (Part 2, Clause 6.12)
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 0.2S, 0.5S, 1.0S)	Test of No Load Condition	IS 16444 (Part 2, Clause 6.12)
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 0.2S, 0.5S, 1.0S)	Test of Repeatability of Error	IS 16444 (Part 2, Clause 6.12)
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 0.2S, 0.5S, 1.0S)	Test of Starting Condition	IS 16444 (Part 2, Clause 6.12)
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 0.2S, 0.5S, 1.0S)	Test on Limits of Error	IS 16444 (Part 2, Clause 6.12)
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 1.0 and 2.0)	AC High Voltage	IS 16444 (Part 1, Clause 6.10.6)
19	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 1.0 and 2.0)	Insulation Resistance	IS 16444 (Part 1, Clause 6.10.6)
20	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 1.0 and 2.0)	Power Consumption Test	IS 16444 (Part 1, Clause 6.10.1)
21	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 1.0 and 2.0)	Test of Meter Constant	IS 16444 (Part 1, Clause 6.12)

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22	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 1.0 and 2.0)	Test of No Load Condition	IS 16444 (Part 1, Clause 6.12)
23	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 1.0 and 2.0)	Test of Repeatability of Error	IS 16444 (Part 1, Clause 6.12)
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 1.0 and 2.0)	Test of Starting Condition	IS 16444 (Part 1, Clause 6.12)
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meter (Class 1.0 and 2.0)	Test on Limits of Error	IS 16444 (Part 1, Clause 6.12)
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meters (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Limits of Error	IS 13779
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meters (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Meter Constant	IS 13779
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meters (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Meter Constant	IS 14697
29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meters (Class - 2, 1, 1.0S, 0.5S, 0.2S)	No Load Condition	IS 13779
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meters (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Repeatability of Errors	IS 13779
31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meters (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Starting Condition	IS 13779
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Energy Meters (Class - 2, 1, 1.0S, 0.5S, 0.2S)	Starting condition	IS 14697