National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GENUS POWER INFRASTRUCTURES LIMITED METERING LABORATORY, PLOT-12, SEC-4, SIDCUL, HARIDWAR, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5060 **Page No** 1 of 2

Validity 22/04/2023 to 21/04/2025 **Last Amended on** 08/06/2023

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	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	AC High Voltage Test	IS 14697 (Cl 12.7.6.3)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Insulation test	IS 14697 (Cl 12.7.6.4)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Test of meter constant	IS 14697 (Cl 12.14)
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Test of no-load condition	IS 14697 (Cl 12.12)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Test of Power Consumption	IS 14697 (Cl 12.7.1)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Test of power consumption	IS 14697 (Cl 12.7.1)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Test of repeatability of error	IS 14697 (Cl 12.16)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Test of starting condition	IS 14697 (Cl 12.13)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 0.2S AND 0.5S	Test on Limits of Error	IS 14697 (Cl 11.1)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR METERS, CLASS 1 & 2	Test of power consumption	IS 13779 (Cl 12.7.1)

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Certificate Number	TC-5060	**Page No**	2 of 2
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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 & 2	AC High Voltage Test	IS 13779 (Cl 12.7.6.3)
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 & 2	Insulation test	IS 13779 (Cl 12.7.6.4)
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 & 2	Test of meter constant	IS 13779 (Cl 12.15)
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 & 2	Test of no-load condition	IS 13779 (Cl 12.13)
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 & 2	Test of power consumption	IS 13779 (Cl 12.7.1)
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 & 2	Test of repeatability of error	IS 13779 (Cl 12.17)
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 & 2	Test of starting condition	IS 13779 (Cl 12.14)
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	AC STATIC WATTHOUR METERS, CLASS 1 & 2	Test on Limits of Error	IS 13779 (Cl 11.1)