# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** GENUS POWER INFRASTRUCTURES LIMITED, METERING LAB, PLOT NO SP1-2317,RIICO INDUSTRIAL AREA RAMCHANDRAPURA SITAPURA(EXT), JAIPUR, RAJASTHAN, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-4022 **Page No** 1 of 3

**Validity** 16/08/2021 to 15/08/2023 **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 | Watthour meters | AC High Voltage Test | IEC:62052-11,62053-22,62053-23 |
| 2 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | AC High Voltage Test | IS:13779 |
| 3 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | AC High Voltage Test | IS:14697 |
| 4 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Insulation Resistance Test | IS:14697 |
| 5 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | insulation Resistance Test | IS:13779 |
| 6 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Limits of Error | IEC:62052-11,62053-2162053-22,62053-23 |
| 7 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Limits of Error | IS:13779 |
| 8 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Limits of Error | IS:14697 |
| 9 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Meter Constant Test | IS:14697 |
| 10 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Meter Constant Test | IEC:62052-11,62053-21,620.53-22,62053-23 |

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| 11 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Meter Constant Test | IS:13779 |
| 12 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | No-Load Condition Test | IEC:62052-11,62053-21,62053-22,62053-23 |
| 13 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | No-Load Condition Test | IS:13779 |
| 14 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | No-Load Condition Test | IS:14697 |
| 15 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Power Consumption Test (Current Cir.) | IS:14697 |
| 16 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Power Consumption Test (Current Cir.) | IS:13779 |
| 17 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Power Consumption Test (Voltage Cir.) | IS:14697 |
| 18 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Power Consumption Test (Voltage Cir.) | IEC:62052-11,62053-21,62053-22,62053-23 |
| 19 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Power Consumption Test (Voltage Cir.) | IS:13779 |
| 20 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Repeatability of Error Test | IS:14697 |
| 21 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Repeatability of Error Test | IS:13779 |

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|---|---|---|---|---|
| 22 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Starting Current Test | IS:14697 |
| 23 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Starting Current Test | IEC:62052-11,62053-21,62053-22,62053-23 |
| 24 | ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS | Watthour meters | Starting Current Test | IS:13779 |