

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



Valid from 13 February 2019
To 20 March 2020
Issued on 13 February 2019



ISO/ IEC 17025
TL 026-01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 026-01

Meter Testing & Verification Laboratory
ANTE LECO Metering Company (Pvt) Limited
Gorakagahawatte, Gammanpila
Bandaragama

Scope of Accreditation: : Performing Electrical Testing of Single Phase Class 1.0 Static Energy Meters (House Service Meters) as per IEC Test Methods appearing in this schedule.

The laboratory is accredited for the following tests as per given in the page 02 of 02.

| SI No: | Product(s)/ Material of test | Specific Tests Performed | Test Method / Standard against which tests are performed | Range of testing/ Limits of detection | |
|--------|---|---|--|--|-----------------|
| 01 | Single phase Class 1.0 Static Energy Meter (House Service Meters) | Starting test | IEC 62053-21:2003 Clause 8.3.3 | The meter shall start and continue to register at the starting current value $0.004I_b$ | |
| | | No load test | IEC 62053-21:2003 Clause 8.3.2 | Voltage 115% U_n is applied with no current flowing in the current circuit, the test output of the meter shall not produce more than one pulse | |
| | | Percentage error limit test due to variation of current | IEC 62053-21:2003 Clause 8.1 | $0.05 I_b \leq I < 0.1 I_b$ at p.f=1 | Error \pm 1.5 |
| | | | | $0.1 I_b \leq I \leq I_{max}$ at p.f=1 | Error \pm 1.0 |
| | | $0.1 I_b \leq I < 0.2 I_b$ at p.f=0.5L | Error \pm 1.5 | | |
| | | | at p.f=0.8C | Error \pm 1.5 | |
| | | | $0.2 I_b \leq I \leq I_{max}$ at p.f=0.5L | Error \pm 1.0 | |
| | | | at p.f=0.8C | Error \pm 1.0 | |
| | | Meter constant | IEC 62053-21:2003 Clause 8.4 | The relation between the test output and the indication in the display shall comply with the marking on the name-plate | |

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment