

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



Valid from 21 March 2017
to 20 March 2020
Issued on 05 July 2017



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 2 Electromechanical Energy Meters as per the Test Methods appearing in this schedule.

The laboratory is accredited for the following tests.

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 2 Electromechanical Energy Meter (House Service Meters)	Starting Test	BS-EN 62053-11:2003 Clause 8.3.2, Table 9	The rotor of the meter to start and continue to run one complete revolution												
		Creep Test	BS-EN 62053-11:2003 Clause 8.3.1	The rotor of the meter not to make a complete revolution												
		Percentage Error Limits Test	BS-EN 62053-11:2003 Clause 8.1, Table 6	<table border="0"> <tr> <td>Imax at p.f=1</td> <td>Error ±2%</td> </tr> <tr> <td>2Ib at p.f=1</td> <td>Error ±2%</td> </tr> <tr> <td>0.05Ib at p.f=1</td> <td>Error ±2.5%</td> </tr> <tr> <td>Imax at p.f=0.5</td> <td>Error ±2%</td> </tr> <tr> <td>2Ib at p.f=0.5</td> <td>Error ±2%</td> </tr> <tr> <td>0.1Ib at p.f=0.5</td> <td>Error ±2.5%</td> </tr> </table>	Imax at p.f=1	Error ±2%	2Ib at p.f=1	Error ±2%	0.05Ib at p.f=1	Error ±2.5%	Imax at p.f=0.5	Error ±2%	2Ib at p.f=0.5	Error ±2%	0.1Ib at p.f=0.5	Error ±2.5%
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Register Test	BS-EN 62053-11:2003 Clause 8.4	Ratio between the number of revolutions of the rotor and the indication on the register should be correct.														