



Valid from 21 August 2020
to 20 August 2023
Issued on 21 August 2020

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



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) Ltd
Gorakagahawatte, Gammanpila
Bandaragama

Scope of Accreditation: Performing Electrical testing on Single phase class 1.0 Static energy meters & Three phase class 1.0 Static energy meters as per IEC 62053-21:2003 and AMD 1:2016 standards.

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 1.0 Static energy meters	Starting test	IEC 62053-21:2003 + AMD 1:2016, Clause 8.3.3	The meter shall start and continue to register at the starting current value 0.004I _b																		
	Three phase class 1.0 Static energy meters	No load test	IEC 62053-21:2003 + AMD 1:2016, 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 + AMD 1:2016, Clause 8.1	<table border="0"> <tr> <td>0.05 I_b ≤ I < 0.1 I_b</td> <td>at p.f=1</td> <td>Error±1.5</td> </tr> <tr> <td>0.1 I_b ≤ I ≤ I_{max}</td> <td>at p.f=1</td> <td>Error±1.0</td> </tr> <tr> <td>0.1 I_b ≤ I < 0.2 I_b</td> <td>at p.f=0.5L</td> <td>Error±1.5</td> </tr> <tr> <td></td> <td>at p.f=0.8C</td> <td>Error±1.5</td> </tr> <tr> <td>0.2 I_b ≤ I ≤ I_{max}</td> <td>at p.f=0.5L</td> <td>Error±1.0</td> </tr> <tr> <td></td> <td>at p.f=0.8C</td> <td>Error±1.0</td> </tr> </table>	0.05 I _b ≤ I < 0.1 I _b	at p.f=1	Error±1.5	0.1 I _b ≤ I ≤ I _{max}	at p.f=1	Error±1.0	0.1 I _b ≤ I < 0.2 I _b	at p.f=0.5L	Error±1.5		at p.f=0.8C	Error±1.5	0.2 I _b ≤ I ≤ I _{max}	at p.f=0.5L	Error±1.0		at p.f=0.8C	Error±1.0
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	at p.f=0.8C	Error±1.0																				
Meter constant	IEC 62053-21:2003 + AMD 1:2016, 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