

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



Valid from 09 August 2023  
to 08 August 2026  
Issued on 09 August 2023



ISO/IEC 17025  
TL 026 - 02

## Schedule of Accreditation

Accreditation Scheme for Testing Laboratories  
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 026-02

**Meter Testing and Verification Laboratory**  
**Lanka Electricity Company (Pvt.) Ltd.**  
**No.10, 4th Lane, St. Anthony's Mawatha,**  
**Ja-Ela, Sri Lanka.**

**Scope of Accreditation:** Performing Electrical Testing on Single phase class 1.0  
Static energy meters

The laboratory is accredited for the tests appeared in the schedule;

SI	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	Starting test	IEC 62053- 21:2003+AMD1:2016 Clause 8.3.3	The meter shall start and continue to register at the starting current value 0.004I <sub>b</sub>
		No load test	IEC 62053- 21:2003+AMD1:2016 Clause 8.3.2	Voltage 115% U <sub>n</sub> is applied with no current flowing in the current circuit, the test output of the meter shall not produce more than one pulse

SI	Product(s)/ Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
	Single phase Class 1.0 Static Energy Meter	Percentage error limit test due to variation of current	IEC 62053- 21:2003+AMD1:2016 Clause 8.1	I <sub>max</sub> at p.f =1 Error ±1 %  0.05 I <sub>b</sub> at p.f=1 Error ± 1.5 %  I <sub>max</sub> at p.f =0.5L Error ± 1 %  0.1 I <sub>b</sub> at p.f =0.5L Error ± 1.5 %  I <sub>max</sub> at p.f =0.8C Error ± 1 %  0.1 I <sub>b</sub> at p.f=0.8C Error ± 1.5%
		Meter constant	IEC 62053- 21:2003+AMD1:2016 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