



Valid from 28 October 2018
to 30 November 2020
Issued on 14 December 2018

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



ISO/ IEC 17025
CL 006-01

Schedule of Accreditation

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

Accreditation Number: CL 006 -01

Electruments International (Pvt) Ltd
No.371/C, Main Street,
Ganemulla.

Scope of Accreditation: Performing Mechanical calibrations (Mass, Length, Pressure, Force and RPM) and Thermal calibration as per the calibration methods appearing in the scope.

The Laboratory is accredited for the following tests appear on page 02 and 03;

Sl No	Parameter/ Measured Quantity/ Instrument or Gauge	Method of Calibration	Range	Readability / Resolution as applicable	Calibration Measurement Capability (Approximately at 95% Confidence Level)	Location
Mechanical Calibration (Mass)						
01	Calibration of Single pan, Top loading Electronic Balances	ECAL/SOP/M01 -Rev 5	0 -200 g	0.0001 g	2 mg	In-house & Site
			0 – 5000 g	0.01 g	30 mg	
			0 – 10000 g	0.1 g	200 mg	
02	Weight calibration of Perspirometers, Martindale abrasion testers, Tearing Testers, Pilling Testers, Rubbing Testers	ECAL/SOP/M07 -Rev 05	0 - 5000 g	0.01 g	0.15 g	In-house & Site
03	Calibration of Hanging type Weighing devices	ECAL/SOP/M01 -Rev 05	0 – 2000 g	0.1 g	200 mg	In-house & Site
			0 – 10000 g	0.5 g	500 mg	
Mechanical Calibration (Force)						
04	Force Calibration of tensile testing machine	ECAL/SOP/M10 -Rev 03	0 – 10 kgf	0.001 kgf	0.01 kgf	In-house & Site
			0 – 3000 N	0.1 N	1.84 % N	
Mechanical Calibration (Pressure)						
05	Calibration of Pressure Gauges	ECAL/SOP/M09 -Rev 02	0 – 20 bars	0.001 bar	0.03 bar	In-house & Site
Mechanical Calibration (RPM)						
06	Calibration of RPM	ECAL/SOP/M08 -Rev 02	10– 1000 rpm	0.1 rpm	0.7 rpm	In-house & Site
			1000- 3000 rpm	1 rpm	1.6 rpm	
Mechanical Calibration (Length)						
07	Circular sample cutter- Calibration of Sample diameter	ECAL/SOP/M02 -Rev 04	30 mm- 160 mm	0.02 mm	0.2 mm	In-house & Site
08	Crock meter-Calibration of peg diameter, height and stroke length	ECAL/SOP/M06 -Rev 05	10 mm- 50 mm	0.02 mm	0.1 mm	In-house & Site

Sl No	Parameter/ Measured Quantity/ Instrument or Gauge	Method of Calibration	Range	Readability / Resolution as applicable	CMC Expressed as Expanded Uncertainty (k=2)	Location
Thermal Calibration (Temperature)						
09	Calibration of Temperature controlled enclosures: Oven, Incubator	ECAL/SOP/T03-Rev 06	-10 -50 °C	0.1 °C	0.6 °C	In-house & Site
	Calibration of temperature-controlled dryer, (exhaust temperature), Drying oven		30-150 °C	0.1 °C	0.6 °C	
	Calibration of temperature-controlled liquid enclosures (Liquid baths, Laboratory Washing Machines, Colorfastness Washing Machines, Durability Washing machines, Wascators)		-10 -250 °C	0.1 °C	0.5 °C	
10	Calibration of Glass thermometers or Digital thermometers (With attached resistance or thermocouple Sensor)	ECAL/SOP/T02-Rev 07	-10 -120 °C	0.1 °C	0.2 °C	In-house & Site
			120 -250 °C	0.1 °C	0.7 °C	In-house & Site

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment