



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

Valid from 11 September 2019
to 30 November 2020
Issued on 11 September 2019



ISO/ IEC 17025
CL 012-01

Schedule of Accreditation

Accreditation Scheme for Testing / Calibration Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: CL 012-01

WAGA Calibration Services (Pvt) Ltd
275B, Railway Road
Maharagama

Scope of Accreditation: Performing Mechanical calibration (Force, Pressure, Mass, Length), Thermal and Optical calibration and Machine performance on Mechanical, Thermal, Time & Frequency as per the calibration methods appearing in the schedule.

The laboratory is accredited for the following calibrations.

SI No.	Parameter/ Measured Quantity/ Instrument/ Gauge	Method of Calibration	Range	Readability / Resolution as applicable	Calibration Measurement Capability (Approximately at 95% Confidence level)	Location (Site/ In house)	
Calibrations in							
1.1	Pressure	Hydraulic Pressure Gauges	WAGA/CM/011	0 to 1000 bar 0 to 700 bar	0.01 bar 0.001 bar	0.62 to 0.63 bar 0.17 to 0.18 bar	Site / In house
		Pneumatic Pressure Gauges	WAGA/CM/011	0 to 100 bar 0 to 40 bar	0.001 bar 0.001 bar	0.17 bar 0.01 bar	Site / In house
1.2	Temperature	Digital Thermometer	WAGA/CM/005	-20 to 155 °C 155 to 650 °C	0.01 °C	0.12 °C 0.12 to 0.33 °C	Site / In house
1.3	Mass	Analytical Balances, Digital electronic top loading balances, Analogue top loading balances	WAGA/CM/004	0 – 5000 g 5 kg – 50 kg	As applicable	0.004 mg – 5.4 mg 3.4 mg to 0.2 g	Site / In house
1.4	Force	Tensile Machine (tension/Compression mode)	WAGA/CM/012	0.01 N to 5 kN Class 0.5, 1,2 & 3 machines metrologies	0.01 N	0.8 to 2.0 %	Site

SI No.	Parameter/ Measured Quantity/ Instrument/ Gauge		Method of Calibration	Range	Readability / Resolution as applicable	Calibration Measurement Capability (Approximately at 95% Confidence level)	Location (Site/ In house)
1.5	Optical	Light Box	WAGA/CM/002	Colour temperature D65 – 6504 K CWF – 4230 K Inca A – 2856 K TL84 – 4100 K U35 – 3500 K Horizon – 2300 K D65 with UV – 6500 K Illuminance D65 – 1540 lx CWF – 2000 lx Inca A – 2200 lx TL84 – 2000 lx U35 – 2000 lx Horizon – 1505 lx D65 with UV – 1540 lx	N/A	±45K ±37K ±33K ±36K ±34K ±30K ±45K ±42 lx ±55 lx ±62 lx ±55 lx ±55 lx ±42 lx ±42 lx	
Performance Verification in							
2.1	Textile Machine	Sample cutter – Diameter of cut sample	WAGA/CM/006	0 to 38 cm 0 to 90 cm 0 to 113 cm 0 to 140 cm	N/A	0.1 mm	Site / In house
2.2	Crockmeter	Force	WAGA/CM/001	1 to 11 N	NA	0.01 N	Site / In house
		Linear		5 to 110 mm (stroke) 5 to 20 mm (Peg Dia)		0.04 mm 0.04 mm	
		Speed		10 to 60 cpm		1.6 cpm	
2.3	Reference Washing Machines (including Wascator)	Temperature	WAGA/CM/010	25 to 90 °C	NA	0.7 °C	Site
		Linear		50 to 200 mm		1.2 mm	
		Timer		1 to 120 s		0.10 s	
		Speed		At 52 rpm & 500 rpm		1.6 rpm	
2.4	Tumble Dryers	Temperature	WAGA/CM/009	10 to 90 °C	NA	0.7 °C	Site
		Timer		1 to 600 s		1.0 S	
		Speed		40 to 100 rpm		1.6 rpm	
2.5	Pilling Tester (Box and Drum)	Linear	WAGA/CM/008	5 to 320 mm	NA	0.05 mm	Site
		Speed		30 to 60 rpm		1.6 rpm	
2.6	Martindale Abrasion Machine	Mass	WAGA/CM/007	100 to 3000g	NA	0.05 g	Site
		Linear		0.5 to 150 mm		0.04 mm	
		Speed		20 to 99 rpm		1.6 rpm	

Director / CEO
Sri Lanka Accreditation Board for Conformity Assessment