

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



Valid from 15 January 2021
to 14 July 2021
Issued on 15 January 2021



ISO/IEC 17025
CL 011-01

Schedule of Accreditation

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

Accreditation Number: CL 011 -01

Global Standard Scientific Testing and Measurements (Pvt) Ltd
No 349-1/1, Galle Road
Ratmalana

Scope of Accreditation: Performing Thermal calibrations and Mechanical calibration (Pressure and Length) as per the calibration methods appearing in the schedule.

The Laboratory is accredited for the following calibrations.

SI No	Type of instrument	Calibration methods / Measurement procedure	Range of calibration	CMC values	Location
Thermal Calibration					
01	Laboratory Oven (Three and multi test sites)	MET-TE-01 -Rev:02	30 °C to 300 °C	± 0.13 °C	On site & Laboratory
	Incubators/ Proofers/ Environmental Chambers (Three and multi test sites)		-20 °C to 100 °C	± 0.12 °C	

SI No	Type of instrument	Calibration methods / Measurement procedure	Range of calibration	CMC values	Location	
01	Dryers	MET-TE-01 -Rev:02	30 °C to 400 °C	± 0.19 °C	On -site & Laboratory	
	Liquid Baths		-45 °C to 250 °C	± 0.009°C		
	COD Reactor (multi test sites)		30 °C to 300 °C	± 0.13 °C		
	Industrial Retorts (Multi test sites)			25 °C to 180 °C	± 0.32 °C	On-site
	Freezer, Cool Rooms and Condition Rooms (single, three and multi			-65 °C to 100 °C	± 0.011°C	On -site & Laboratory
	Refrigerators/ Bottle Coolers/ BOD Incubators (single and three sites)			-40 °C to 50 °C	± 0.12 °C	
	Muffle and Tube Furnace (single test sites)			50 °C to 700 °C	± 1.2 °C	
02	Autoclave	MET-TE-02 -Rev:00	50 to 180°C	± 0.13°C		
			50 to 125°C	± 0.59°C		
			50 to 310 °C	± 0.59°C		
			50 to 485 °C	± 0.59°C		
03	Analogue Thermometer	MET-TE-05 – Rev :00	50 to 605°C	± 0.59°C	On site & Laboratory	
			50 to 660°C	± 0.59 °C		
			-45 to 140°C	± 0.59°C		
			50 to 125 °C	± 0.012°C	Laboratory	
				± 0.066°C	On site & Laboratory	
			50 to 310°C	± 0.070°C	Laboratory	
	± 0.071°C	On site & Laboratory				

SI No	Type of instrument	Calibration methods / Measurement procedure	Range of calibration	CMC values	Location
04	Digital Thermometer	MET-TE-04 -Rev:00	50 to 485°C	± 0.10°C	Laboratory
			50 to 605°C	± 0.081°C	On site & Laboratory
			50 to 660°C	± 0.12°C	Laboratory
				± 0.11°C	On site & Laboratory
			-45 to 140°C	± 0.32°C	Laboratory
				± 0.14°C	On site & Laboratory
				± 0.0096°C	Laboratory
				± 0.025°C	On site & Laboratory
05	Dial Thermometer	MET-TE-05 Rev :00	50 to 125°C	± 0.012°C	Laboratory
				± 0.066°C	On site & Laboratory
			50 to 310°C	± 0.070°C	Laboratory
				± 0.071°C	On site & Laboratory
			50 to 485°C	± 0.10°C	Laboratory
				± 0.081°C	On site & Laboratory
			50 to 605°C	± 0.11°C	On site & Laboratory
			50 to 660°C	± 0.14°C	On site & Laboratory
			-45 to 140°C	± 0.0096°C	Laboratory
				± 0.025°C	On site & Laboratory

SI No	Type of instrument	Calibration methods / Measurement procedure	Range of calibration	CMC values	Location	
Mechanical Calibration (Length)						
06	Out-Side Micrometer (Digital and Mechanical)	ISO 3611:2010	0 to 25 mm	± 0.0016 mm	Laboratory	
			0 to 50 mm			
07	Vernier Caliper (Digital, Mechanical and Dial Calipers)	ISO 13385-1:	0 to 150 mm	± 0.013 mm		
			0 to 200mm			
08	Test Sieve	MET-DI-04 -Rev:00	1 to 150 mm	± 0.011 mm		
09	Sample Cutter	MET-DI-03 -Rev:00	1 to 150 mm	± 1.7 mm		On site & Laboratory
	Counter Wheel		0 to 150 mm	± 0.016 mm		
	Templates		0 to 150 mm	± 0.016 mm		
Mechanical Calibration (Pressure)						
10	Pneumatic Pressure Gauge	MET-PR-01 -Rev:00	0 to 60bar	± 0.015 bar ± 0.015 kg/cm ²		On site & Laboratory
			0 to -1bar	± 0.013 bar ± 0.013 kg/cm ²		

SI No	Type of instrument	Calibration methods / Measurement procedure	Range of calibration	CMC values	Location
Routine calibrations for the calibration of reference standards					
11	Out-Side Micrometer (Digital and Mechanical)	ISO – 3611:2010	0 to 25mm	± 0.0016 mm	Laboratory
12	Vernier Caliper (Digital, Mechanical and Dial Calipers)	ISO–13385– 1	0 to 150mm	±0.013 mm	
13	Type T -Thermocouple	MET-TE-04 Rev :00	0 – 400 °C	0.9 °C	
14	Type K- Thermocouple		0 – 700 °C	0.9 °C	

Director/CEO

Sri Lanka Accreditation Board for Conformity Assessment