



Valid from 15 January 2024
to 14 January 2028
Issued on 11 September 2024

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



ISO/ IEC 17025
CL 010-01

Schedule of Accreditation

Accreditation Scheme for Testing / Calibration Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: CL 010-01

Cassims International (Pvt) Ltd
255. Vauxhall Street Colombo 02

Scope of Accreditation: Mechanical calibrations on Mass and force, Optical, Thermal and Measurement Verification.

The laboratory is accredited for the following calibrations.

SI No	Type of instrument	Calibration performed	Calibration methods / Measurement procedure	Range of calibration	Readability/ Resolution on as applicable le	Calibration Measurement Capability	Location
Optical							
01	Visual Assessment Cabinets	Illuminance – Spectral irradiance	CI/CM/01 Revision 03	Colour Temperature (2330K – 7600K)	1K		Site
	Horizon (2100-2500)					±25 K	
	D75 (7300-7700 K)					±72 K	
	D65 (6300-6700 K)					±63 K	
	Inca A (2656-3056 K)					±29 K	
	TL 84 (3900-4300 K)					±40 K	
	CWF (3950-4350 K)					±42 K	
	U30 (2800-3200 K)					±31 K	
	U35 (3300-3700 K)					±36 K	

SI No	Type of instrument	Calibration performed	Calibration methods / Measurement procedure	Range of calibration	Readability/ Resolution on as applicable	CMC values	Location
01	Illuminance	Illuminance – Spectral irradiance	CI/CM/01 Revision 03	Illuminance (80 – 200fcd)	0.1fcd		Site
	Horizon (80 – 200fcd)					±12.4 fcd	
	D65 (80 – 200fcd)					±8.7 fcd	
	Inca A (80 – 200fcd)					±15.2 fcd	
	TL 84 (80 – 200fcd)					±9.8 fcd	
	CWF (80 – 200fcd)					±10.2 fcd	
	U30 (80 – 200fcd)					±10.2 fcd	
	U35 (80 – 200fcd)					±10.1 fcd	
	D75 (80 – 200fcd)					±7.0 fcd	
Force							
2	Tensile Tester	Force	CI-CM-12: Revision 02	0.1– 25N (True weight) 50 – 100 N (True Weight) 200 – 900 N (Indicator) 1000 – 4500 N (Indicator)	0.001 N	0.1N 0.3 N 0.7 N 7.2 N	Site
Mass							
3	Weighing Scale	Comparison with reference weight	CI-CM-11: Revision 02	0 - 220 g	0.1 mg	0.2 mg	Site
				0 – 600 g	1 mg	1.1 mg	
				0 – 6 Kg	0.01 g	0.02 g	
				0 – 6 Kg	0.1 g	0.2 g	
				0 – 6 Kg	1 g	1.1 g	
Thermal							
4	Oven	Temperature	CI-CM-08 Revision 01	37 – 90 °C	0.1 °C	±0.3 °C	Site
Measurement Verification							
5.1	ICI Pilling Testers	Rotational speed	CI-CM-09-IM Revision 04	30 – 60 rpm	1 rpm	±1.7 rpm	Site
		Linear measurements		50 – 300 mm	0.05 mm	±0.1 mm	
		Time measurements		300 – 3600 s	0.01 s	±0.3 s	
5.2	M&S Pilling Testers	Rotational speed	CI-CM-09-IM Revision 04	30 – 60 rpm	1 rpm	±1.7 rpm	Site
		Linear measurements		50 – 300 mm	0.05 mm	±0.1 mm	
		Time measurements		300 – 3600 s	0.01 s	±0.3 s	
5.3	Random Tumble Pilling Testers	Rotational speed	CI-CM-09-RT Revision 03	30 – 60 rpm	1 rpm	±1.7 rpm	Site
		Linear measurements		50 – 300 mm	0.05 mm	±0.1 mm	
		Time measurements		300 – 3600 s	0.01 s	±0.3 s	

SI No	Type of instrument	Calibration performed	Calibration methods / Measurement procedure	Range of calibration		Calibration Measurement Capability	Location
5.4	Perspirometer	Weight measurement	CI-CM-10 Revision 03	4000 – 5500 g	0.01 g	±0.04 g	Site & Lab
5.5	Pnuburst / Trueburst/ Autoburst	Pressure	CI-CM-13 Rev 01	100 – 3500 kPa	1 kPa	± 2.7 kPa	Site
		Linear measurement		30.0 – 150.0 mm	0.01 mm	± 0.1 mm	
5.6	Sample cutter	Linear measurement	CI-CM-02 Rev 02	36 – 140 cm	0.01 mm	±0.1 mm	Site
5.7	Crock meter	Linear measurement	CI-CM-03 Rev 02	10 – 20 mm	0.01 mm	±1.5 mm	Site
				90 – 110 mm	1 mm	±0.1 mm	
		Weight measurement		800 – 1000 g	0.01 g	±0.1 g	
5.8	Washers (Milie, Wascator, Vortex, Whirlpool, Durawash, Dynawash)	Temperature	CI-CM-04-MV Rev 04 CI-CM-04-WW Rev 03 CI-CM-04-VW Rev 03 CI-CM-04-WPW Rev 03 CI-CM-04-DW Rev 03	25 – 90 °C	0.01 °C	±0.9 °C	Site
		Rotational speed		50 – 122 rpm	1 rpm	±1.9 rpm	
		Time		300 – 7200 s	0.01 s	±0.3 s	
5.9	AATCC / ISO Tumble Dryers	Temperature	CI-CM-05-AAT Rev 04 CI-CM-05-ISO Rev 03	40 - 80 °C	0.01 °C	± 1.1 °C	Site
		Rotational speed		40 - 60 rpm	1 rpm	±0.3 rpm	
		Time		600 – 1800 s	0.01 s	±1.7 s	
5.10	Martindale Abrasion Machine	Linear Measurement	CI-CM-06 Rev 02	0.5 – 120 mm	0.01 mm	±0.1 mm	Site
		Rotational speed		44 – 48 rpm	1 rpm	±1.7 rpm	
		Weight measurement		155 – 2500 g	0.01 g	±0.1 g	
5.11	Laundrometer/ Rotawash/ Gyrowash	Temperature	CI-CM-07 Rev 03	30 - 90 °C	0.01 °C	±0.9 °C	Site
		Rotational speed		40 - 60 rpm	1 rpm	±1.6 rpm	
		Time		900 - 3600 s	0.01 s	±0.5 s	

Chairman

Sri Lanka Accreditation Board for Conformity Assessment