



Valid from 12 February 2020  
to 11 February 2023  
Issued on 12 February 2020

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



ISO/ IEC 17025  
CL 008-01

## Schedule of Accreditation

Accreditation Scheme for Testing / Calibration Laboratories  
Sri Lanka Accreditation Board for Conformity Assessment  
Accreditation Number: CL 008-01

**Industrial Calibration and Services Center (Pvt) Ltd**  
No. 318, Siddamulla  
Piliyandala

**Scope of Accreditation:** Performing Mechanical calibration (Force, Pressure, Mass) and Thermal calibration 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)
<b>MECHANICAL CALIBRATION (FORCE)</b>						
1.1	Verification & Calibration of Force Measuring Systems (CTM, UTM, CBR, Marshall, Jack, TTM)	ISO 7500-1:2018 AS 2193-2005	03 to 30 kN 10 to 50 kN 14 to 500 kN 200 to 2000 kN 200 to 4000 kN	0.01 kN 0.001 kN 0.001 kN 0.001 kN 1 kN	0.020% 0.047% 0.048% 0.10% 0.6%	Site & ICSC
<b>MECHANICAL CALIBRATION (PRESSURE)</b>						
1.2	Pressure gauge	Australian standard: AS 1349-1986 Bourdon tube pressure and Vacuum gauge & Monograph 7: NIM Technology Transfer Series	0 to 60 bar 0 to 600 bar	0.001 bar 0.01 bar	0.0052 bar 0.055 bar	Site & ICSC

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)
<b>MECHANICAL CALIBRATION (MASS)</b>						
1.3	Analytical balance, Digital electronic balance, Analogue top loading balance, Digital weighing scale	The calibration of weights and balance MONOGRAPH 4: NMI TECHNOLOGY TRANSFER SERIES: Third edition, National Measurement Institute, Australia	0 g to 100 g 0 g to 200 g 0 g to 1000 g 0 g to 10000 g 0 g to 30000 g 0 g to 60000 g 0g to 100 kg	0.00001 g 0.0001 g 0.001 g 0.01 g 0.1 g 0.01 kg 0.01 kg	0.000030 g 0.00015 g 0.0014 g 0.014 g 0.14 g 0.014 kg 0.014 kg	Site & ICSC
1.4	Weight comparisons	The calibration of weights and balance MONOGRAPH 4: NMI TECHNOLOGY TRANSFER SERIES: Third edition, National Measurement Institute, Australia	<b>M1 Class</b>			Site & ICSC
			20000 g		0.19 g	
			<b>F2 Class</b>			
			10000 g		0.028 g	
			5000 g		0.034 g	
			2000 g		0.0034 g	
			1000 g		0.0020 g	
			500 g		0.0018 g	
			200 g		0.26 mg	
			100 g		0.21 mg	
			50 g		0.059 mg	
			20 g		0.032 mg	
			10 g		0.027 mg	
			5 g		0.025 mg	
			2 g		0.023 mg	
			1 g		0.021 mg	
			500 mg		0.043 mg	
200 mg		0.039 mg				
100 mg		0.031 mg				
50 mg		0.026 mg				
20 mg		0.024 mg				
10 mg		0.022 mg				
<b>THERMAL CALIBRATION</b>						
2.1	Temperature controlled enclosures (Oven, Cool room, Climatic chamber, Dryer, Incubator)	Australian standard: AS 2853-1986 Enclosures – Temperature – controlled – Performance testing and grading	-40°C to 400°C (Oven, Dryer, Climatic chamber)	0.1°C	0.40°C	Site & ICSC
			-40°C to 50°C (Cool room)	0.1°C	0.40°C	Site
2.2	Liquid in glass Thermometer	TM 01: Issue 01: Revision 01	-40°C to 200°C	0.01°C	0.077°C	ICSC
2.3	Digital Thermometer with the sensor	TM 02: Issue 01: Revision 01	-40°C to 400°C	0.01°C	0.075°C	Site & ICSC
2.4	Liquid bath	TM 05: Issue 01: Revision 01	-40°C to 200°C	0.1°C	0.60°C	Site & ICSC