



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

Standard Calibration Service Pvt. Limited

427 West Nakhalpara, Shaheen Bagh

Tejgaon, Dhaka-1215, Bangladesh

This is to certify that this
Calibration Laboratory

is accredited in accordance with the international standard
ISO/IEC 17025:2017

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : **02.009.18**
Accreditation Date : **13 September 2018**
Date of Issuance : **23 September 2021**
Date of Expiration : **12 September 2024**




Md. Monwarul Islam
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

SCOPE OF ACCREDITATION (For Calibration Laboratory)

CAB Name & Address: Standard Calibration Service Pvt. Ltd.
427 West Nakhhalpara, Shaheen Bagh, Tejgaon, Dhaka-1215, Bangladesh.

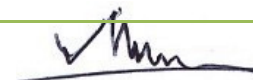
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 13 Sep 2018

Certificate Number: 02.009.18 **Issued on:** 23 Sep 2021

Last Amended on: NA **Valid until:** 12 Sep 2024

Amendment no: NA

S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2)
Field: Mechanical				
1.	Vernier Caliper	SCS.WI-05M	Up to 300mm	For L.C 0.01mm ±10µm For L.C 0.02mm ±15µm
2.	Micrometer	SCS.WI-06M	Up to 100mm	For L.C 0.001mm ±1µm For L.C 0.01mm ±7µm
3.	Dial Gauge	SCS.WI-07M	Up to 100mm	For L.C 0.001mm±3.1µm For L.C 0.002mm±3.2µm For L.C 0.01mm ±8µm
4.	Bevel Protractor/ Level Gauge/Angle Gauge	SCS.WI-30M	Up to 90 Degree	±0.17°
5.	Thickness Gauge	SCS.WI-10M	Up to 100mm	For L.C 0.001mm±3.1µm For L.C 0.002mm±3.2µm For L.C 0.01mm ±8µm
6.	Height Gauge/ Depth Gauge	SCS.WI-07M	Up to 300mm	For L.C 0.01mm ±16µm For L.C 0.02mm ±19µm
7.	Feeler Gauge	SCS.WI-016M	Up to 1mm	±3.8µm
Field: Time				
8.	Timer/Stop watch	SCS.WI-017M	1sec to 30sec 31sec to 7200sec 7200sec to 21600sec 21600sec to 63885sec	±0.15sec ±0.25sec ±11sec ±26sec
Field: Torque				
9.	Torque Wrench	SCS.WI-024M	10 to 200kN-m	±1.5% to ±2.5%
Field: Speed				
10.	Tachometer/Speed Source	SCS.WI-027M	10 to 99999 r/min	±1.5 to ±7 r/min
Field: Sound				
11.	Sound	SCS.WI-09M	94dB & 114dB	±1.2dB

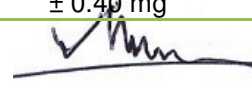


Quality Manager

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S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2)
Field: Light				
12.	Lux	SCS.WI-015M	0 to 15000 Lux	±4.7%
Field: Flow				
13.	Flow Meter	SCS.WI-051M	0 to 12000 m ³ /hr	±0.65%
Field: Thermal				
14.	Thermometer	SCS.WI-022M	-20 °C to 0 °C 100.0 °C 200 °C 500 °C 850 °C	± 0.20 °C ± 0.30 °C ± 0.70 °C ± 2.50 °C ± 3.0 °C
15.	Thermocouple Temperature Indicator/Controller Source	SCS.WI-031M	B 500 to 1800 C 0 to 2316 E -200 to 1000 J -200 to 1200 K -200 to 1370 T -200 to 400 L -200 to 900 N -200 to 1300 R 0 to 1700 S 0 to 1600 U -200 to 400 Pt-100 (-200 to 850) Pt-200 (-200 to 630) Pt-500 (-200 to 630) Pt-100 (-200 to 850) Pt-1000(-200 to 630) Pt-3916(-200 to 630) NI-120 (-80 to 260) CU-50 (-50 to 150)	0.59 °C
Field: Mass				
16.	Mass (weight)	SCS.WI-02M	1- 5 mg 10 mg 20 mg 50 mg 100 mg 200 mg 500 mg 1 g 2 g	± 0.06 mg ± 0.08 mg ± 0.10 mg ± 0.12 mg ± 0.16 mg ± 0.20 mg ± 0.25 mg ± 0.30 mg ± 0.40 mg



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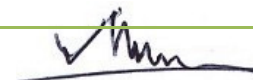
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			5 g	± 0.50 mg
			10 g	± 0.60 mg
			20 g	± 0.80 mg
			50 g	± 1.0 mg
			100 g	± 1.6 mg
			200 g	± 3.0 mg
			500 g	± 8.0 mg
			1 kg	± 16 mg
			2 kg	± 30 mg
			5 kg	± 80 mg
			10 kg	± 160 mg
			20 kg	± 300 mg
17.	Balance (On site)	SCS.WI-01M	0 to 220 g Readability ≥ 0.1 mg	± 0.2 mg
			0 to 1.2 kg Readability = 0.01 g	± 0.02 g
			0 to 12 kg Readability ≥ 1 g	± 1.6 g
			0 to 500 kg Readability ≥ 5 g	± 5.5 g
Field: Electro-Technical				
18.	Current (AC,DC)	SCS.WI.03M	1mA to 3A	± 0.17% to ±0.25%
19.	Voltage (AC,DC)	SCS.WI.03M	1mV to 1000V	± 0.076% to ±0.006%
20.	Resistance , Insulation Resistance Tester	SCS.WI.03M	1Ω to 100MΩ	±0.017%
	Earth Tester		1mΩ to 1000Ω	±0.75%
Field: Volume				
21.	Volumetric Glass Ware (Pipette/ Burette/ Volumetric Flask/ Measuring Cylinder/ Beaker)	SCS.WI.013M	0.1 ml to 100 ml 500 ml 1000 ml	± 0.06 ml ± 0.30 ml ± 0.50 ml
22.	Micro Pipette	SCS.WI.011M	0.020 to 0.200ml	± 0.0001 ml
Field: Pressure-In-house/ Onsite				



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S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2)
23.	Pressure Gauge (Pneumatic / Hydraulic)	SCS.WI-04M	0 to 30 bar 30 bar to 1000 bar	± 0.39 bar ± 0.85 bar
	Vacuum Gauge	SCS.WI-08M	0 bar to -1 bar -1 bar to -3 bar	± 0.01 bar ± 0.1 bar
	Field: Force-Onsite			
24.	Verification of Uniaxial Testing Machine (Universal, Tensile, Compression testing machine), Push Pull Gauge	SCS.WI-027M	Compression 10N to 20kN Tension 10N to 20kN	$\pm 0.6\%$
Field: Thermal				
25.	Temperature chamber/Freezer/ Temperature Bath	SCS.WI-018M	-40 °C to 0 °C	± 0.20 °C
	Oven/Autoclave/ Incubator		100.0 °C	± 0.30 °C
			200 °C	± 0.70 °C
			500 °C	± 2.50 °C
			850 °C	± 3.0 °C



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