



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 : **27 October 2024 (2nd Renewal)**
Date of Expiration : **12 September 2027**



Md. Anwarul Alam
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)**

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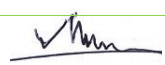
Accreditation Standard: ISO/IEC 17025:2017 **Accreditation Date:** 13 Sep 2018

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Renewal)

Last Amended on: NA **Valid until:** 12 Sep 2027

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: Length & Dimension				
1.	Vernier Caliper/ Digital Caliper	SCS.WI-05M	Up to 300mm	For L.C 0.01mm $\pm 10\mu\text{m}$ For L.C 0.02mm $\pm 15\mu\text{m}$
	Inside, Outside & Depth Micrometer	SCS.WI-06M	Up to 100mm	For L.C 0.001mm $\pm 1\mu\text{m}$ For L.C 0.01mm $\pm 7\mu\text{m}$
	Feeler Gauge/ Bore Gauge/ Foils	SCS.WI-016M	Up to 1mm	$\pm 3.8\mu\text{m}$
	Shrinkage template & Ruler/ Steel Scale / Laser Distance Meter/ Measuring Tape	SCS.WI-14M SCS.WI-07M	Up to 1000mm Up to 50 mtr Up to 300mm	$\pm 490(\sqrt{L}/1000)\mu\text{m}$ (L is in mm) $\pm 13\mu\text{m}$
	Go & No Go Gauge / Slip Gauge Set / Test Sieves	SCS.WI-30M	Up to 90 Degree	$\pm 0.17^\circ$
	Bevel Protector/Angle Protector/Angle Gauge/ Angle Gauge Block/ Set Square/ Triangle Set/ Circular Protractor			
Field: Time				
2.	Timer/Digital & Analog Timer/ Stop watch/ Time Interval Meter / On-off Timer / Breaker	SCS.WI-17M	1sec to 30sec 31sec to 7200sec 7200sec to 21600sec 21600sec to 863885sec	$\pm 0.15\text{sec}$ $\pm 0.25\text{sec}$ $\pm 11\text{sec}$ $\pm 26\text{sec}$
	Timer/ Relay Timer/ Flammability/ Tester/Crock master / Spray Rating/Stretch & Recovery Teste			
Field: Torque				


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3.	Torque(Wrench, Analyzer, Driver, Tester)	SCS.WI-24M	10N-m to 200kN-m	±1.5% to ±2.5%
Field: Speed				
4.	Non-Contact & Contact Tachometer/ Travel Speed/ Surface Speed/ Amplitude/ Elongation/ Shaker/ Centrifuge Machine/ Martindale & Pilling Tester/ Wrap Reel	SCS.WI-12M	10 to 99999 r/min	±1.5 to ±7 r/min
Field: Sound				
5.	Sound level Meter/ Sound Level Calibrator (1 kHz)	SCS.WI-09M	94dB & 114dB	±1.2dB
Field: Light				
6.	Lux Meter/ UV Meter/ Light Box / Light Source / Pilling Viewer / Pili Scope/ Fabric Inspection Machine/ Light Shade/ Gray Scale	SCS.WI-15M	0 to 15000 Lux	±4.7%
Field: Flow				
7.	Liquid Flow Meter/ Ultrasonic Flow Meter/ Water/ Oil/ Steam/ Gas Flow Meter/Transmitter Sensor/ Regulator	SCS.WI-51M	0 to 12000 m ³ /hr	±0.8%
8.	Air Flow, Anemometer/Air Velocity(Bio Safety Cabinet, Laminar Air Flow)	SCS.WI-20M	0.5m/s to 30m/s	±0.21m/s to ±0.68 m/s
Field: Thermal				
9.	Thermometer/ Temperature chamber/Freezer/ Temperature Bath /Oven/Autoclave/ Incubator Glass Type	SCS.WI-18M	-20 °C to 0 °C 100.0 °C 200 °C 500 °C 650 °C	± 0.20 °C ± 0.30 °C ± 0.70 °C ± 2.50 °C ± 3.0 °C


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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)
	Thermometer/ Digital Thermometer / Black Body Source / Hot Surface /Hot Plat/ Temperature Chamber/Incubator/ Oven / Temperature Controller / Auto Clave / Refrigerator /Whirling Hygrometer			
	Muffle Furnace or Dry Blocks/ Oil Bath Digital & Analog Thermometers/ PT100/ RTD/ TC with/without Controller/Indicator, Temperature Sensor/Transmitter/ Switch, Infrared Thermometer, Melting Point Apparatus/ Polarimeter/ Iron Machine	SCS.WI-19M SCS.WI-31M	200 °C to 400 °C 400 °C to 1200 °C -20 °C to 0 °C 100.0 °C 200 °C 500 °C 650 °C	± 3.0 °C ± 4.5 °C ± 0.20 °C ± 0.30 °C ± 0.70 °C ± 2.50 °C ± 3.0 °C
	Infrared Thermometer/ Non-Contact Pyrometers/ Thermal Imager			
	Temperature Controller (R-Type / S-Type/ K- Type / E-Type/ J-Type / T-Type/ N-Type / B- Type/ L-Type / U-Type Pt-100/Pt-200/ Pt-500/ Pt-1000/ Pt-3915/ NI-120/	SCS.WI-21M SCS.WI-31M	0 °C to 300 °C 0 °C to 500 °C -200 °C to 100 °C 100 °C to 300 °C 300 °C to 850 °C 800 °C to 1200 °C 1200 °C to 1800 °C	± 1.2 °C ± 1.5 °C ± 0.59 °C


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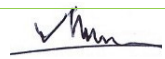
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S. N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2)
Field: Mass				
10.	Mass (weight)	SCS.WI-02M	1- 5 mg 10 mg 20 mg 50 mg 100 mg 200 mg 500 mg 1 g 2 g 5 g 10 g 20 g 50 g 100 g 200 g 500 g 1 kg 2 kg 5 kg 10 kg 20 kg	± 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 ± 0.50 mg ± 0.60 mg ± 0.80 mg ± 1.0 mg ± 1.6 mg ± 3.0 mg ± 8.0 mg ± 16 mg ± 30 mg ± 80 mg ± 160 mg ± 300 mg
11.	Balance/Digital Balance / Scale Semi-Micro Balances Analytical Balances/Electronic Balance/ Bond Tester/ Truck Scale/ Lift/Crane/Perspirometer (On site)	SCS.WI-01M	0 to 220 g Readability ≥ 0.1 mg 0 to 1.2 kg Readability = 0.01 g 0 to 12 kg Readability ≥ 1 g 0 to 500 kg Readability ≥ 5 g 0 to 5000 kg Readability ≥ 50 g	± 0.2 mg ± 0.02 g ± 1.6 g ± 5.5 g ± 6.8 g
Field: Electrical				
12.	Current (AC,DC)	SCS.WI. 03M	1mA to 3A 3A to 10A 10A to 3200A	± 0.17% to ±0.75%
	Voltage (AC,DC)	SCS.WI.03M	1mV to 1000V	± 0.076% to ± 0.38%
	High Voltage (AC,DC)	SCS.WI-25M	Up to 30 KV(AC) Up to 40 KV(DC)	± 1.6%


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	Resistance/ Insulation Resistance Tester	SCS.WI.03M	1Ω to 100MΩ	±0.017%
	Earth Tester			±0.75%
	Frequency	SCS.WI.03M	1mΩ to 1000Ω	
		SCS.WI-26M	Up to 50kHz	±0.060%
	Volume			
	Volumetric Glass Ware (Pipette/ Burette/ Volumetric Flask/ Measuring Cylinder/ Beaker/ Pycnometer/ Conical Flask/Karl Fisher/ Auto Dispenser/ Titrator)	SCS.WI.013M	0.1 ml to 100 ml 500 ml 1000 ml	± 0.06 ml ± 0.30 ml ± 0.50 ml
	Micro Pipette/ Multichannel Micropipette/ Auto Pipette/ Micro Syringe	SCS.WI.11M	1 µl to 100 µl 100 µl to 500 µl 500 µl to 1000 µl 1 ml to 5 ml 5 ml to 10 ml	± 0.0001 ml ± 0.00027 ml ± 0.00041 ml ± 0.003 ml ± 0.005 ml
	Field: Pressure			
14.	Pressure Gauge	SCS.WI-04M	0 to 30 bar	± 0.39 bar
	Pneumatic/Hydraulic/ Vacuum Gauge	SCS-WI-08M	-1 bar to 0 bar -1 bar to -3 bar	± 0.01 bar ± 0.1 bar
	Pressure Transmitter, Switch, Sensor/ Safety Valve/ Float Valve/ Pressure Measuring Equipment/ Dead Weight Tester (Pneumatic/Hydraulic)/ Hydro test/ Pressure / Vacuum Pump/ Snap Button Tester/Bursting Strength Tester/ Manometer/ Differential Pressure Gauge / Transmitter/ Barometer	SCS-WI-42M	30 bar to 1000 bar	± 0.85 bar


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Field: Force-Onsite				
15.	Verification of Uniaxial Testing Machine (Universal, Tensile, Compression testing machine, Push Pull Gauge, load Cell)	SCS.WI-27M	Tension 10N to 200kN Compression Up to 1000kN	± 0.8%
Field: Density				
16.	Density Meter/ Hydrometer/ Viscosity Meter	SCS.WI-28M	0.6g/ml to 2.0 g/ml	±0.0005 to 0.0065 g/ml
Field: Meter				
17.	pH Meter	SCS.WI-32M	pH -200 to 200mV & 2 to 16pH,	± 0.3%
	Conductivity Meter	SCS.WI-33M	0 to 4000μS/cm	± 0.6%
	TDS Meter	SCS.WI-34M	0 to 19990 ppm	± 0.5%
	DO Meter	SCS.WI-35M	(0 to 199.9)%	± 0.7%
18.	Moisture Meter	SCS.WI-37M	0 to 100%	±0.5%
19.	Thermo-Hygrometer/ Humidity Chamber/ Thermo-Hygrograph/ Dehumidifier	SCS.WI-39M	(5 to 95)%RH	±1.0%RH
20.	Solar Meter/ Irradiance Meter/ Pyrano meter	SCS.WI-29M	0 to 200 W/m ²	± 1.1%

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