



ACCREDITATION CERTIFICATE

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

National Metrology Laboratory (NML-BSTI)

BSTI Maan Bhaban, 116-A Tejgaon Industrial Area

Dhaka-1208, 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 : **02.001.18**
Accreditation Date : **30 September 2018**
Date of Issuance : **13 March 2025 (2nd Renewal)**
Date of Expiration : **29 September 2027**



[Signature]
13.03.2025
Md. Anwarul Alam
Director General

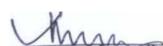
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SCOPE OF ACCREDITATION

CAB Name & Address: National Metrology Laboratory (NML-BSTI), Maan Bhaban,
116-A Tejgaon Industrial Area, Dhaka-1208, Bangladesh

Accreditation Standard: ISO/IEC 17025:2017	Accreditation Date: 30 September 2018
Certificate Number: 02.001.18	Issued on: 13 March 2025
Last Amended on: NA	Valid until: 29 September 2027
Amendment no: NA	

S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Calibration Measurement Capabilities (CMC) expressed as expanded uncertainty U (k=2) (to be expressed in \pm)U (k=2)
Field: Mechanical (Mass)				
1.	Mass Standard	CP-M01	1 mg	± 0.006 mg
			2 mg	± 0.006 mg
			5 mg	± 0.006 mg
			10 mg	± 0.008 mg
			20 mg	± 0.010 mg
			50 mg	± 0.012 mg
			100 mg	± 0.015 mg
			200 mg	± 0.020 mg
			500 mg	± 0.025 mg
			1 g	± 0.030 mg
			2 g	± 0.04 mg
			5 g	± 0.05 mg
			10 g	± 0.06 mg
			20 g	± 0.08 mg
			50 g	± 0.10 mg
			100 g	± 0.15 mg
			200 g	± 0.30 mg
			500 g	± 0.8 mg
			1 kg	± 1.5 mg
			2 kg	± 3.0 mg
5 kg	± 8.0 mg			
10 kg	± 15.0 mg			
Field: Mechanical (Weighing Balance – Lab and Onsite)				
2.	Weighing Balance	CP- M02	(0 to 220) g Readability ≥ 0.1 mg	± 0.1 mg
			220g to 12 kg Readability ≥ 0.01 g	± 8 mg
			(12 to 100) kg Readability ≥ 1 g	± 1.2 g
			(100 to 500) kg Readability ≥ 5 g	± 5 g
Field: Mechanical (Time & Frequency)				
3.	Time Difference Meter	Internal Method CP E-51	600-100000 s	± 1 s
4.	Time Difference Meter	Internal Method CP E-52	100-100000 s	± 1 s
5.	Time Meter		600-100000 s	± 1 s
6.	Time Meter	Internal Method CP E-53	600-100000 s	± 1 s


 Quality Manager

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S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Calibration Measurement Capabilities (CMC) expressed as expanded uncertainty U (k=2) (to be expressed in \pm)U (k=2)
Field: Thermal				
7.	Liquid in Glass Thermometer	Internal Method CP-T-02	(-50 to 250) °C	\pm 0.07 °C
8.	Direct Reading Thermometer	Internal Method CP-T-01	-50 °C	\pm 0.05 °C
			0 °C	\pm 0.039 °C
			(50 to 250) °C	\pm 0.058 °C
			(250 to 650) °C	\pm 0.1 °C
Field : Mechanical (Pressure)				
9.	Gauge pressure Gas medium by Deadweight	Internal Method CP-P05	1.5 – 40 kPa	\pm 0.1 kPa
10.	Gauge pressure Liquid medium by Deadweight	Internal Method CP-P02	0.1 – 1 MPa	\pm 0.8 kPa
			0.5-4 MPa	\pm 1.1 kPa
			2-25 MPa	\pm 7.0 kPa
			5-60 MPa	\pm 14.0 kPa
			10-100 MPa	\pm 65 kPa
Field : Mechanical (Volume)				
11.	Glassware: Flasks, Pipette, Burette, Measuring Cylinder, Pycnometers, Beaker	Internal Method CP-V01	1-500 ml	\pm 0.002-0.3 ml
12.	Micro Pipette	Internal Method CP-V03	20 μ l - 200 ml	\pm 0.07 - 20 μ l

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 Quality Manager