



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**




13.03.2025
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.

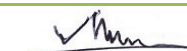
SCOPE OF ACCREDITATION

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

Accreditation Standard: ISO/IEC 17025:2017
Certificate Number: 02.001.18
Last Amended on: 14.07.2025
Amendment no: 01

Accreditation Date: 30 September 2018
Issued on: 13 March 2025
Valid until: 29 September 2027

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 ±) U (k=2)
Field: Mechanical (Length)				
1.	Engineer tape measure	CP-L 02	0-10 m	± 0.08 mm
2.	Engineer steel rule	CP-L 03	0-1.5 m	± 0.06 mm
3.	Gauge Block	CP-L 01	0.5-100 mm	± 0.08 – 0.17 µm
4.	Micrometer	CP-L 05	0-600 mm	± 0.6µm for LC-0.0001mm ± 1µm for LC-0.001mm ± 4µm for LC-0.01mm
5.	Feeler Gauge	CP-L 08	Up to 1.0 mm	± 2.5 µm
6.	Dial Gauge	CP-L 07	0-100 mm	± 1µm for LC-0.001mm ± 6µm for LC-0.01mm
7.	Height Gauge, Vernier Caliper	CP-L 06	0-600 mm	± 10µm for LC-0.01mm ± 14µm for LC-0.02mm ± 30µm for LC-0.05mm
Field: Mechanical (Mass)				
8. 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)				
9. 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	



Quality Manager

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
Certificate Number: 02.001.18
Last Amended on: 14.07.2025
Amendment no: 01

Accreditation Date: 30 September 2018
Issued on: 13 March 2025
Valid until: 29 September 2027

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 ±) U (k=2)
Field: Mechanical (Time & Frequency)				
10.	Time Difference Meter	CP E-51	600-100000 s	±1 s
11.	Time Difference Meter	CP E-52	100-100000 s	±1 s
12.	Time Meter		600-100000 s	±1 s
13.	Time Meter	CP E-53	600-100000 s	±1 s
Field: Thermal				
14.	Liquid in Glass Thermometer	CP-T-02	(-50 to 250) °C	± 0.07 °C
15.	Direct Reading Thermometer	CP-T-01	-50 °C	± 0.05 °C
			0 °C	± 0.039 °C
			(50 to 250) °C	± 0.058 °C
			(250 to 650) °C	± 0.1 °C
Field : Mechanical (Pressure)				
16.	Gauge pressure Gas medium by Deadweight	CP-P05	1.5 – 40 kPa	± 0.1 kPa
17.	Gauge pressure Liquid medium by Deadweight	CP-P02	0.1 – 1 MPa	± 0.8 kPa
			0.5-4 MPa	± 1.1 kPa
			2-25 MPa	± 7.0 kPa
			5-60 MPa	± 14.0 kPa
			10-100 MPa	± 65 kPa
Field: Mechanical (Volume)				
18.	Glassware: Flasks, Pipette, Burette, Measuring Cylinder, Pycnometers, Beaker	CP-V01	1-500 ml	± 0.002-0.3 ml
19.	Micro Pipette	CP-V03	20 µl - 200 ml	± 0.07 - 20 µl

-----End-----


Quality Manager