



ACCREDITATION CERTIFICATE

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

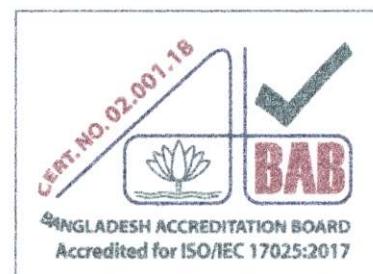
National Metrology Laboratory (NML-BSTI)
BSTI Maan Bhaban, 116-A Tejgaon Industrial Area
Dhaka-1208, Bangladesh

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**

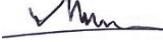


13.03.2025
Md. Anwarul Alam
Director General

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	Accreditation Date:	30 September 2018
Certificate Number:	02.001.18	Issued on:	13 March 2025
Last Amended on:	14.07.2025	Valid until:	29 September 2027
Amendment no:	01		
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 (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 $\pm 0.08 - 0.17$ μ m
4.	Micrometer	CP-L 05	0-600 mm ± 0.6 μ m for LC-0.0001mm ± 1 μ m for LC-0.01mm ± 4 μ m for LC-0.01mm
5.	Feeler Gauge	CP-L 08	Up to 1.0 mm ± 2.5 μ m
6.	Dial Gauge	CP-L 07	0-100 mm ± 1 μ m for LC-0.001mm ± 6 μ m for LC-0.01mm
7.	Height Gauge, Vernier Caliper	CP-L 06	0-600 mm ± 10 μ m for LC-0.01mm ± 14 μ m for LC-0.02mm ± 30 μ m 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 ± 0.1 mg Readability ≥ 0.1 mg 220g to 12 kg ± 8 mg Readability ≥ 0.01 g (12 to 100) kg ± 1.2 g Readability ≥ 1 g (100 to 500) kg ± 5 g Readability ≥ 5 g


Quality Manager

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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	CP E-53	600-100000 s	± 1 s
13. Time Meter		600-100000 s	± 1 s
Field: Thermal			
14. Liquid in Glass Thermometer	CP-T-02	(-50 to 250) °C	± 0.07 °C
		-50 °C	± 0.05 °C
15. Direct Reading Thermometer	CP-T-01	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
		0.1 – 1 MPa	± 0.8 kPa
17. Gauge pressure Liquid medium by Deadweight	CP-P02	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	$\pm 0.002-0.3$ ml
19. Micro Pipette	CP-V03	20 μ l - 200 ml	± 0.07 - 20 μ l

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Quality Manager