



# ACCREDITATION CERTIFICATE

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

**OTS (Pvt.) Ltd.**

**Navana DH Tower, Level - 3**

**6 Panthapath, Dhaka - 1215, Bangladesh**

This is to certify that this

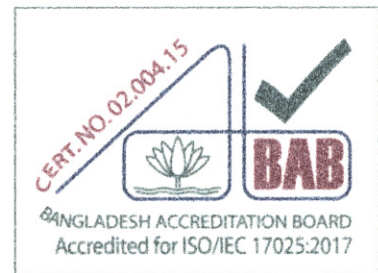
## **Calibration Laboratory**

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 : **02.004.15**  
Accreditation Date : **27 August 2015**  
Date of Issuance : **23 September 2021**  
Date of Expiration : **26 August 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:** OTS (Pvt.) Limited, Navana DH Tower, Level 3,  
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**Accreditation Standard:** ISO/IEC 17025:2017

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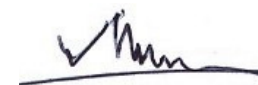
**Issued on:** 23 Sep 2021

**Last Amended on:** NA

**Valid until:** 26 Aug 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)
<b>Field: MECHANICAL (DIMENSION)</b>				
1	Vernier Caliper			
	LC- 0.01 mm	WI-05M	0-300 mm (LC- 0.01mm)	±10 µm
	LC- 0.01 mm	WI-05M	0-1000 mm (LC- 0.01mm)	±15 µm
	LC- 0.02 mm	WI-05M	0-1000 mm (LC- 0.02mm)	±20 µm
2	Height Gauges			
	LC- 0.01 mm	WI-09M	0-1000 mm (LC- 0.01mm)	±16 µm
	LC- 0.02 mm	WI-09M	0-1000 mm (LC- 0.02mm)	±19 µm
3	Measuring Tape	WI-36M	Up to 50 mtr	±700(√L/1000) µm (L is in mm)
4	Steel Scale	WI-37M	Up to 2 mtr	±700(√L/1000) µm (L is in mm)
5	External Micrometer			
	LC- 0.001 mm	WI-06M	0-25 mm(LC- 0.001mm)	±1.0 µm
	LC- 0.01 mm	WI-06M	0-25 mm (LC- 0.01mm)	±7.0 µm
6	Plunger Dial Gauge			
	LC- 0.001 mm	WI-013M	0-10 mm(LC- 0.001mm)	±3.0 µm
	LC- 0.01 mm	WI-013M	0-12 mm(LC- 0.01mm)	±8.0 µm
7	Lever Dial Gauge			
	LC- 0.001 mm	WI-014M	0-0.14 mm(LC- 0.001mm)	±3.1 µm



Quality Manager

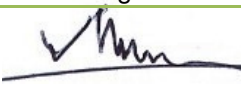
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S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2)
	LC- 0.002 mm	WI-014M	0-0.20 mm(LC- 0.002mm)	±3.2 μm
	LC- 0.01 mm	WI-014M	0-0.8 mm(LC- 0.01mm)	±8 μm
8	Dial Thickness Gauge	WI-08M	0-25 mm (LC- 0.01 mm)	±7 μm
9	Feeler Gauge	WI-016M	Up to 1.00 mm	±3.8 μm
10	Speed (RPM)	WI-012M	6-99999 RPM	±1.5 to 4% of rdg.
		WI-012M	1-25000 RPM	±1.5 to 4% of rdg.
11	Stop Watches/ Counters/Timers	WI-017M	15 sec-24 hrs	±5.0 sec
12	Sound Level Meter	WI-38M	94.0dB & 114.0 dB	±1.5 dB
13	Light Intensity	WI-19M	0-100000 Lux	±6%
14	Pressure	WI-35M	0-700 bar	±0.06 bar
15	Force	WI-03M	0-1500 N	±0.002 N
<b>Field: MASS &amp; VOLUME</b>				
16	MASS (Balance) (On site & in Lab)	WI-01M	(0 to 220) g Readability ≥ 0.1 mg	±0.1 mg
		WI-01M	(220 to 1.20) kg Readability ≥ 0.01 g	±0.01 g
		WI-01M	(1.2 to 12.1) kg Readability ≥ 1 g	±1.3 g
		WI-01M	(12 to 100) kg	±4.5 g

  
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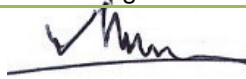
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<b>Amendment no:</b>	NA		

S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2)
			Readability $\geq$ 5g	
17	MASS (Conventional) Weights			
		WI-02M	1 mg	$\pm 0.003$ mg
		WI-02M	2 mg	$\pm 0.03$ mg
		WI-02M	5 mg	$\pm 0.03$ mg
		WI-02M	10 mg	$\pm 0.05$ mg
		WI-02M	20 mg	$\pm 0.07$ mg
		WI-02M	50 mg	$\pm 0.07$ mg
		WI-02M	100 mg	$\pm 0.07$ mg
		WI-02M	200 mg	$\pm 0.10$ mg
		WI-02M	500 mg	$\pm 0.15$ mg
		WI-02M	1 g	$\pm 0.20$ mg
		WI-02M	2 g	$\pm 0.25$ mg
		WI-02M	5 g	$\pm 0.35$ mg
		WI-02M	10 g	$\pm 0.45$ mg
		WI-02M	20 g	$\pm 0.55$ mg
		WI-02M	50 g	$\pm 0.75$ mg
		WI-02M	100 g	$\pm 0.9$ mg
		WI-02M	200 g	$\pm 1.5$ mg
		WI-02M	500 g	$\pm 6.5$ mg
		WI-02M	1 kg	$\pm 0.01$ g
		WI-02M	2 kg	$\pm 1.6$ g
		WI-02M	5 kg	$\pm 1.6$ g
		WI-02M	10 kg	$\pm 1.6$ g

  
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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)
		WI-02M	20 kg	±1.6 g
18	Micro Syringe/ Auto Pipette/ Micro Pipette	WI-011M	1 µl to 20 µl	±0.008 µl
		WI-011M	20 µl to 3000 µl	±0.006 µl
19	Measuring Pipette/ Bulb Pipette	WI-011M	1 ml	±0.004 ml
		WI-011M	2 ml	±0.02 ml
		WI-011M	5 ml	±0.02ml
		WI-011M	10 ml	±0.04 ml
		WI-011M	25 ml	±0.04 ml
		WI-011M	50 ml	±0.05 ml
		WI-011M	100 ml	±0.05 ml
20	Burette	WI-011M	10 ml	±0.04 ml
		WI-011M	25 ml	±0.04 ml
		WI-011M	50 ml	±0.05 ml
		WI-011M	100 ml	±0.05 ml
21	Flask/ Beaker/ Measuring Cylinder	WI-011M	10 ml	±0.02ml
		WI-011M	20 ml	±0.02 ml
		WI-011M	50 ml	±0.05 ml
		WI-011M	100 ml	±0.05 ml
		WI-011M	500 ml	±0.15 ml
		WI-011M	1000 ml	±0.35 ml
22	Density			

  
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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)
	Hydrometer	WI-41M	0.950-1.000 SPGR	±0.002 SPGR

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 Quality Manager