



# 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 : **13 September 2018**  
Date of Expiration : **26 August 2021**



**Md. Monwarul Islam**  
**Director General**

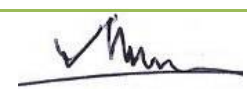
This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific  
scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

## SCOPE OF ACCREDITATION (For Calibration Laboratory)

**CAB Name & Address:** OTS (Pvt.) Limited, Navana DH Tower, Level 3,  
6 Panthapath, Dhaka-1215, Bangladesh.

<b>Accreditation Standard:</b>	ISO/IEC 17025:2017	<b>Accreditation Date:</b>	27 Aug 2018
<b>Certificate Number:</b>	02.004.15	<b>Issued on:</b>	13 Sep 2018
<b>Last Amended on:</b>	23 Dec 2019	<b>Valid until:</b>	26 Aug 2021
<b>Amendment no:</b>	01		

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	10 µm
	LC- 0.01 mm	WI-05M	0-1000 mm	15 µm
	LC- 0.02 mm	WI-05M	0-1000 mm	20 µm
2	Height Gauges			
	LC- 0.01 mm	WI-09M	0-1000 mm	16 µm
	LC- 0.02 mm	WI-09M	0-1000 mm	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	1.0 µm
	LC- 0.01 mm	WI-06M	0-25 mm	7.0 µm
6	Plunger Dial Gauge			
	LC- 0.001 mm	WI-013M	0-10 mm	3.0 µm
	LC- 0.01 mm	WI-013M	0-12 mm	8.0 µm
7	Lever Dial Gauge			
	LC- 0.001 mm	WI-014M	0-0.14 mm	3.1 µm
	LC- 0.002 mm	WI-014M	0-0.20 mm	3.2 µm
	LC- 0.01 mm	WI-014M	0-0.8 mm	8 µm
8	Dial Thickness Gauge			
	LC- 0.01 mm	WI-08M	0-25 mm	7 µm
9	Feeler Gauge			
		WI-016M	Upto 1.00 mm	3.8 µm

  
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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)
10	RPM	WI-012M	6-99999 RPM	1.5% of rdg.
		WI-012M	1-25000 RPM	1.5% of rdg.
11	Stop Watches/ Counters/Timers	WI-017M	15 sec-24 hrs	10 sec
		WI-38M	94.0dB & 114.0 dB	0.656 dB
<b>Field: MASS &amp; VOLUME</b>				
13	MASS (Balance) (On site & in Lab)	WI-01M	(0 to 220) g Readability ≥ 0.1 mg	0.2 mg
		WI-01M	(220 to 1.20) kg Readability ≥ 0.01 g	0.02 g
		WI-01M	(1.2 to 12.1) kg Readability ≥ 1 g	1.6 g
		WI-01M	(12 to 100) kg Readability ≥ 5g	5.4 g
		WI-02M	1 mg	0.04 mg
14	MASS (Conventional) Weights	WI-02M	2 mg	0.04 mg
		WI-02M	5 mg	0.04 mg
		WI-02M	10 mg	0.06 mg
		WI-02M	20 mg	0.08 mg
		WI-02M	50 mg	0.08 mg
		WI-02M	100 mg	0.08 mg
		WI-02M	200 mg	0.15 mg

  
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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	500 mg	0.18 mg
		WI-02M	1 g	0.25 mg
		WI-02M	2 g	0.30 mg
		WI-02M	5 g	0.40 mg
		WI-02M	10 g	0.50 mg
		WI-02M	20 g	0.60 mg
		WI-02M	50 g	0.80 mg
		WI-02M	100 g	1.0 mg
		WI-02M	200 g	2.0 mg
		WI-02M	500 g	7.0 mg
		WI-02M	1 kg	0.02 g
		WI-02M	2 kg	2.0 g
		WI-02M	5 kg	2.0 g
		WI-02M	10 kg	2.0 g
		WI-02M	20 kg	2.0 g
15	Micro Syringe/ Auto Pipette/ Micro Pipette			
		WI-011M	1 µl to 20 µl	0.010 µl
		WI-011M	20 µl to 3000 µl	0.08 µl
	Measuring Pipette/ Bulb Pipette	WI-011M	1 ml	0.05 ml
		WI-011M	2 ml	0.05 ml
		WI-011M	5 ml	0.05 ml
		WI-011M	10 ml	0.05 ml
		WI-011M	25 ml	0.05 ml
		WI-011M	50 ml	0.05 ml
		WI-011M	100 ml	0.05 ml

  
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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)
	Burette	WI-011M	10 ml	0.05 ml
		WI-011M	25 ml	0.05 ml
		WI-011M	50 ml	0.05 ml
		WI-011M	100 ml	0.05 ml
	Flask/ Beaker/ Measuring Cylinder	WI-011M	10 ml	0.06 ml
		WI-011M	20 ml	0.06 ml
		WI-011M	50 ml	0.06 ml
		WI-011M	100 ml	0.06 ml
		WI-011M	500 ml	0.20 ml
		WI-011M	1000 ml	0.40 ml

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 Quality Manager