Bangladesh Accreditation Board (BAB)
91, Motijheel C/A, Dhaka-1000, Tel: +880-2-9513221 Fax: +880-2-9513222
Email: info@bab.org.bd Web: www.bab.org.bd

Certificate of Accreditation

This is to certify that

OTS (Pvt.) Ltd.

Navana DH Tower, Level - 3

6 Panthapath, Dhaka - 1215, Bangladesh

has been granted accreditation in respect of the scope of accreditation described in the attached document, subject to the terms and conditions governing the relevant Conformity Assessment Body (CAB) accreditation

This **Calibration Laboratory** having met the requirements of **ISO/IEC 17025:2005** and the BAB, is accredited for **Mechanical** as described in the associated Scope of Accreditation.

CERT.NO.02.004.15
BAB
BANGLADESH ACCREDITATION BOARD
Accredited for ISO/IEC 17025:2005

Certificate Number	:	**02.004.15**
Issued on	:	**13 September 2018**
Accreditation Date	:	**27 August 2015**
Valid until	:	**26 August 2021**

Md. Monwarul Islam
Director General
Bangladesh Accreditation Board (BAB)

This certificate has been issued under the authority of Bangladesh Accreditation Act, 2006 and must be returned on request; reproduction must follow guidelines in place at date of issue. For the specific scopes to which this accreditation applies, please refer to the directory of accredited CABs at http://www.bab.org.bd/directory-of-accredited-cabs

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SCOPE OF ACCREDITATION

(For Calibration Laboratory)

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

Accreditation Standard: ISO/IEC 17025:2005
Accreditation Date: 27 Aug 2018
Certificate Number: 02.004.15
Issued on: 13 Sep 2018
Last Amended on: NA
Valid until: 26 Aug 2021
Amendment no: NA

S.N.	Measured quantity Instrument/Gauge	Reference to Method	Measurement range/value	Measurement Capabilities expressed as expanded uncertainty U (k=2)
Field: MECHANICAL (DIMENSION)				
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

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)
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
12	Sound Level Meter			
		WI-38M	94.0dB & 114.0 dB	0.656 dB
Field: MASS & VOLUME				
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
14	MASS (Conventional) Weights			
		WI-02M	1 mg	0.04 mg
		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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		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

END

Quality Manager