



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**IBB Technology of America Inc.**

**N 19 W6723 Commerce Court**

**Cedarburg, WI 53012**

has been assessed by ANAB  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

and national standard

**ANSI/NCSL Z540-1-1994**

while demonstrating technical competence in the field of

**CALIBRATION**

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations to which this accreditation applies.

AC-1253

Certificate Number

  
ANAB Approval

Certificate Valid: 01/26/2017-01/02/2019  
Version No. 008 Issued: 01/26/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).



# ANSI-ASQ National Accreditation Board

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 & ANSI/NCSL Z540-1-1994

### IBB Technology of America, Inc.

N19 W6723 Commerce Court Cedarburg, WI 53012  
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### CALIBRATION

Valid to: January 2, 2019

Certificate Number: AC-1253

#### Dimensional

PARAMETER / EQUIPMENT	RANGE	CALIBRATION & MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY ( $\pm$ )] <sup>2</sup>	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Gage Blocks & Jo Blocks	Up to 4 in	(6.2 + 1.4L) $\mu$ in	Gage Block Comparator	TI 10.020
Gage Blocks	(4 to 20) in	(7.3 + 1.1L) $\mu$ in	Twin Check Linear Measuring System	
Feeler Gages	(0.001 to 0.5) in	(9.4 + 1.6L) $\mu$ in		TI 10.026
Length Standards	(0.5 to 24) in			TI 10.015
Thread Plug - Pitch Diameter Major Diameter	(0.06 to 12) in	(140 + 1.4D) $\mu$ in (18 + 9.4D) $\mu$ in		TI 10.017
Thread Ring - Pitch Diameter Minor Diameter	(0.07 to 12) in	(170 + 1.9D) $\mu$ in (51 + 1.5D) $\mu$ in		TI 10.025
Thread Wires & Gear Wires	Up to 0.516 in	23 $\mu$ in		TI 10.010
Cylindrical Plug, Air Plug & Hex Plug - Diameter	(0.006 to 24) in	(20 + 1.3D) $\mu$ in		
Laser Mic Standards	Up to 2 in			



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Micrometer Masters	Up to 12 in	$(20 + 1.3D) \mu\text{in}$	Twin Check Linear Measuring System	
Cylindrical Ring & Air Ring - Diameter	(0.015 to 20) in	$(19 + 1.1D) \mu\text{in}$		TI 10.009
Pin Gages	(0.006 to 1.001) in	$(17 + 2.1D) \mu\text{in}$		TI 10.005
Master Setting Discs	(0.15 to 8.01) in	$(19 + 2D) \mu\text{in}$		TI 10.011
Micrometers - OD	Up to 18 in	$(81 + 73L) \mu\text{in}$	Grade 2 Gage Blocks	TI 20.001
Micrometers - ID	(1 to 18) in	$(150 + 5.7L) \mu\text{in}$	Twin Check Linear Measuring System	
Test Indicators	Up to 0.06 in	$(66 + 30L) \mu\text{in}$		TI 20.012
Dial Indicators	Up to 12 in	$(63 + 33L) \mu\text{in}$		
Calipers	Up to 20 in	$(390 + 43L) \mu\text{in}$	Grade 2 Gage Blocks	TI 20.002
Height Gage	Up to 24 in	$(160 + 4.4L) \mu\text{in}$	Grade 3 Gage Blocks	TI 20.009
UTM Linear Length	Up to 15.75 in	$(76 + 2.2L) \mu\text{in}$	Gage Blocks	TI 20.013
Outside Diameter	Up to 4 in	$(240 + 18D) \mu\text{in}$	Micrometer Master	

**Mechanical**

PARAMETER / EQUIPMENT	RANGE	CALIBRATION & MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY ( $\pm$ )]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Force Gage	(0 to 200) lbf	0.17 lbf + 0.06% reading	Class 7 Weights	TI 20.017
Pressure	(0 to 160) psig (160 to 10 000) psig	1.4 psig + 0.13% reading 5.8 psig + 0.01% reading	Dead Weight Tester	TI 20.020
Graduated Cylinder	(200 to 1 000) ml	3.3 ml + 0.014% reading	Laboratory Balance	TI 20.019
Torque Wrenches	(5 to 50) lbf·in (50 to 300) lbf·in (15 to 150) lbf·ft (50 to 500) lbf·ft	1 % of reading	Torque Transducer System	TI 20.016
Surface Roughness Testers	(5 to 150) $\mu$ in	4.1 $\mu$ in	Roughness Standard	TI 20.015
Surface Roughness Standards	(5 to 150) $\mu$ in	2.1 $\mu$ in + 0.3% of reading	Roughness Tester	TI 20.015

**Thermodynamic**

PARAMETER / EQUIPMENT	RANGE	CALIBRATION & MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY ( $\pm$ )]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
IR Temperature Gage	(0 to 2 500) °F	2 °F + 0.01% of reading	IR Calibrator	TI 20.024

**Notes:**

1. Calibration and Measurement Capabilities (Expanded Uncertainties) are based on approximately a 95% confidence interval, using a coverage of  $k=2$ .
2. The range terms  $L$  = Length;  $D$  = Diameter, both in inches.
3. This scope is formatted as part of a single document including the Certificate of Accreditation No. AC-1253.

  
 Vice President