



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

Brad-Cal Calibration Services

A Division of Bradford Instrument & Gage, Inc.

500 First State Blvd.

Wilmington, DE 19804

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

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

CALIBRATION

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

AC-1396

Certificate Number

ANAB Approval

Certificate Valid To: 06/12/2017
Version No. 001 Issued: 03/27/2015



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

Brad-Cal Calibration Services A Division of Bradford Instrument & Gage, Inc.

500 First State Boulevard, Wilmington, DE 19804
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CALIBRATION

Valid to: June 12, 2017

Certificate Number: AC-1396

I. Dimensional

PARAMETER / EQUIPMENT	RANGE	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(±)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Micrometers	Up to 40 in	(56.4 + 22.4L) μin	Gage Blocks	Brad-Cal Calibration Services CP-012
Calipers	Up to 40 in	(598 + 20.2L) μin	Gage Blocks, Glastonbury Gage	Brad-Cal Calibration Services CP-013
Indicators	Up to 2 in	(344.5 + 201L) μin	Gage Bocks	Brad-Cal Calibration Services CP-011
Surface Plates Flatness Repeat reading	Up to (60 x 144) in All Plates	(20 + 1.2D) μin 12 μin	Autocollimator Repeat-o-Meter	Brad-Cal Calibration Services CP-006
Optical Comparators Linearity	Up to 12 in	(73.2 + 13.6L) μin	Webber Bar, Glass Scales, Precision Balls	Brad-Cal Calibration Services CP-001



Notes:

1. *Best Measurement Uncertainties (Expanded Uncertainties) are based on approximately a 95% confidence interval, using a coverage of $k=2$.*
2. *This laboratory's capabilities include commercial and field (on-site) calibration services. Since field conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected in the field than what is reported on the accredited scope.*
3. *The use of (R) signifies the Resolution of the unit under test in inches.*
4. *The use of (D) signifies the diagonal measurement of the surface plate in inches.*
5. *This scope is formatted as part of a single document including the Certificate of Accreditation No. AC- 1396*



Vice President

