



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board/AClass
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Bradford Instrument and Gage, Inc.
500 First State Blvd.
Wilmington, DE 19804

has been assessed by AClass
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.

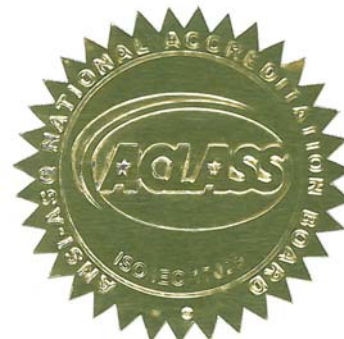
AC-1396

Certificate Number

AClass Approval

Certificate Valid 06/12/2009-06/12/2011

Version No. 001



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).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Bradford Instrument and Gage, Inc.

500 First State Boulevard, Wilmington, DE 19804

Chris Collins Phone: 302-999-1690

CALIBRATION

Valid to: June 12, 2011

Certificate Number: AC-1396

I. Dimensional

PARAMETER / EQUIPMENT	RANGE	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(+)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Micrometers	Up to 1 in (1 to 12) in (12 to 40) in	93 μin (73 + 20L) μin (117 + 16.4L) μin	Gage Blocks	Bradford Instrument and Gage or Customer-Specific Procedures
Calipers Digital	Up to 6 in (6 to 12) in (12 to 40) in	283 μin (131 + 25L) μin (242 + 16L) μin	Gage Blocks, Glastonbury Gage	Bradford Instrument and Gage or Customer-Specific Procedures
Dial	Up to 6 in (6 to 12) in (12 to 40) in	640 μin (453 + 31L) μin (697 + 11L) μin		
Indicators	Up to 2 in	577 μin	Gage Blocks	Bradford Instrument and Gage or Customer-Specific Procedures
Surface Plates Flatness Repeat reading	Up to (60 x 144) in All plates	(20 + 1.2D) μin 12 μin	Autocollimator Repeat-o-Meter	Bradford Instrument and Gage or Customer-Specific Procedures
Optical Comparators Linearity	Up to 12 in	81 μin	Webber Bar, Glass Scales, Precision Balls	Bradford Instrument and Gage or Customer-Specific Procedures



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 part of and must be included with the Certificate of Accreditation No. AC- 1396*



Vice President

