



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

BRIGHTON-BEST INTERNATIONAL INC.
 Laboratory Testing Division
 2100 Center Square Rd
 Logan Township, NJ 08085
 Chuck Halpin Phone: 856 241 9494

MECHANICAL

Valid To: July 31, 2017

Certificate Number: 0616.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following fastener tests:

Test

Hardness (Rockwell C)

Test Methods

ASTM E18, F606, F606M; ISO 898-1

I. Dimensional Testing¹

Parameter	Range	CMC ² (±)	Technique / Method
Threads ³ External	4-40 to 1.000 in	0.0005 in	Tri-roll gage/ IFI Hbk 7 th Ed.
Socket Recess ³	Up to 0.5000 in	0.0009 in	Recess checker gage (Indicator)/ IFI Hbk 7 th Ed.
Radii ³	Up to 6.000 in	0.001 in	Optical comparator/ IFI Hbk 7 th Ed.
Angle ³	Up to 360°	0.08°	Optical comparator/ IFI Hbk 7 th Ed.
Linear ³	Up to 1.0000 in	0.0005 in	Dial Indicator/ IFI Hbk 7 th Ed.
	Up to 1.0000 in	0.0005 in	Micrometer/ IFI Hbk 7 th Ed
	Up to 6.0000 in	0.0007 in	Caliper/ IFI Hbk 7 th Ed.
	Up to 6.0000 in	0.0007 in	Optical comparator/ IFI Hbk 7 th Ed.

¹ This laboratory offers limited commercial dimensional testing services.

² Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine measurements of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific measurement performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific measurement.

³ This test is not equivalent to that of a calibration.



Accredited Laboratory

A2LA has accredited

BRIGHTON-BEST INTERNATIONAL INC.

Logan Township, NJ

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. 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 8 January 2009).



Presented this 28th day of October 2015.

A handwritten signature in black ink, reading "Peter Abney".

President & CEO
For the Accreditation Council
Certificate Number 0616.01
Valid to July 31, 2017

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.