SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BRIGHTON-BEST INTERNATIONAL INC.
Laboratory Testing Division
1222 Forest Parkway, Suite 190
West Deptford, New Jersey 08066
Chuck Halpin Phone: 856 241 9494

MECHANICAL

Valid To: July 31, 2027 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 **Test Methods**

Hardness (Rockwell C) ASTM E18, F606/F606M; ISO 898-1

Dimensional Testing[1]

Parameter/Equipment	Range	CMC[2] (±)	Comments
Threads[3]			
External	4-40 to 1.000 in	0.0005 in	Tri-roll gage/ IFI Hbk 7th ed.
	#8 to 1 in	N/A	ASME B1.3 screw thread gaging systems, go/no-go ring gages
Internal	(0.25 to 1.5) in	N/A	ASME B1.3 system 21 Thread plug go/no-go
Socket Recess[3]	Up to 0.5000 in	0.0007 in	Recess checker gage (indicator)/ IFI Hbk 7th ed.
Radii[3]	Up to 4.000 in	0.001 in	Optical comparator/ IFI Hbk 7th ed.

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8515 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Parameter/Equipment	Range	CMC[2] (±)	Comments
Angle[3]	Up to 360°	0.01°	Optical comparator/ IFI Hbk 7th ed.
Linear[3]	Up to 1.0000 in Up to 6.0000 in Up to 4.0000 in	0.0002 in 0.001 in 0.001 in	Micrometer/ IFI Hbk 7th ed Caliper/ IFI Hbk 7th ed. Optical comparator/ IFI Hbk 7th ed.
Protrusion Gaging[3]	Up to 1.0000 in	0.0005 in	Indicator/ IFI Hbk 7th ed.
Camber/Straightness[3]	Up to 1.000 in	0.001 in	ASME B18.2.9

[1] This laboratory does not offer 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. CMCs 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.

West Deptford, NJ

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017*).

Presented this 8th day of July 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0616.01
Valid to July 31, 2027

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