



The American Association for Laboratory Accreditation

# *Accredited Laboratory*

A2LA has accredited

## **BRIGHTON-BEST INTERNATIONAL INC.**

*Logan Township, NJ*

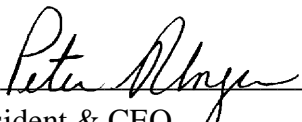
for technical competence in the field of

### **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 26th day of August 2009.



  
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President & CEO  
For the Accreditation Council  
Certificate Number 0616.01  
Valid to July 31, 2011

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



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, 2011

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
Tensile (Wedge & Axial)	ASTM A574, A574M, F606, F606M

**Dimensional Testing:**

Parameter	Range	CMC* (±)	Technique	Standards
Threads External	4-40 to 1.000 in	0.0001 in	Tri-roll Gage	ASME B1.3, B1.3M, System 22
Socket Recess	(0.0 to 0.5000) in	0.0007 in	Recess Checker Gage	ASME B18.3, B18.6.2
Radii	(0.0 to 6.000) in	0.001 in	Optical Comparator	ASME B18.3
Angle	(0 to 360)°	0.08°	Optical Comparator	ASME B18.3
Linear	(0.0 to 1.0000) in	0.0001 in	Micrometer Caliper	ASME B18.3, B18.6.2
	(0.0 to 6.0000) in	0.0005 in		
	(0.0 to 6.0000) in	0.0005 in	Optical Comparator	ASME B18.3

\*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.

*Peter Mlynar*  
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