Accredited Laboratory

A2LA has accredited

INDUSTRIAL PRODUCTS COMPANY

Lynchburg, VA

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 18th day of August 2020.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1064.01
Valid to August 31, 2022

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INDUSTRIAL PRODUCTS COMPANY
124 Fastener Drive
Lynchburg, VA 24502
Randy Maddox Phone: 434 455 2839

MECHANICAL

Valid To: August 31, 2022 Certificate Number: 1064.01

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 Method(s)**
Hardness Rockwell (B, C and 30N scales)	ASTM E18, F606/F606M (Section. 3.1)
Tensile (Wedge)	ASTM F606/F606M (Section. 3.5)
Stress Durability (Hydrogen Embrittlement)	FIP 1000
Torsional Strength	FIP 1000

I. Dimensional Testing[1]

Parameter	Range	CMC[2] (±)	Technique / Method
Internal Thread Functional Pitch[3]	#6 to ⅜ in M6X1-M18X1.5	N/A	Go/no go plug gauges/ ASME B1.3
External Thread Functional Pitch[3]	#4 to ½ in M4-M10	N/A	Go/no go plug gauges/ ASME B1.3

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Parameter	Range	CMC[2] (±)	Technique / Method
Length[3] – 1D	Up to 1 in	0.0002 in	Micrometer
	Up to 6 in	0.001 in	Caliper
	Up to 3 in	0.0005 in	Comparator
	Up to 12 in	0.003 in	Height gage
	Up to 6 in	0.001 in	Length gage

[1] This laboratory sometimes offers commercial dimensional testing service.

[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.