



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Tool Testing Lab, Inc.
11601 North Dixie Drive, Tipp City, OH 45371

(Hereinafter called the Organization) and hereby declares that Organization 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 (as outlined by the joint ISO-ILAC-IAF Communiqué dated January 2009):

Dimensional Inspection and Mechanical Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President/Operations Manager

Initial Accreditation Date:

November 15, 2012

Issue Date:

November 4, 2014

Expiration Date:

December 31, 2016

Accreditation No:

15639

Certificate No:

L14-366

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjilabs.com



Certificate of Accreditation: Supplement

Tool Testing Lab, Inc.

11601 North Dixie Drive, Tipp City, OH 45371
 Rob Thomas Phone: 937-898-5696

Accreditation is granted to the facility to perform the following calibrations:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Dimensional Inspection ^F	Manufactured Products and Components	2 Dimensional and 3 Dimensional Features for Size, Location and Orientation using an AACMM	Customer Supplied Dimensional Information Per Customer Specification and/or to ANSI Y14.5-M	24 in x 24 in x 20in D.L. = 100 μin
		2 Dimensional and Features for Size, Location and Orientation using an Optical Comparator		24 in x 18 in D.L. = 50 μin
		2 Dimensional and Features for Size, Location and Orientation using an Video Measuring System		1 in x 1in D.L. = 10 μin
		2 Dimensional and Features for Size using an LVDT & Gage Blocks		10 μin to 48 in D.L. = 10 μin
		2 Dimensional and Features for Size using an Digital Micrometer		50 μin to 2 in D.L. = 50 μin
		2 Dimensional and Features for Size using an Vernier Micrometer		2 in to 10 in D.L. = 100 μin
		2 Dimensional and Features for Size using an Digital Caliper		500 μin to 24 in D.L. = 500 μin
Mechanical ^F	Metallic Testing	Rockwell Hardness	ASTM E18	HRA 20 to HRA 84
				HRC 20 to HRC 65
				HRBW 40 to HRBW 100

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this testing at its fixed location.