



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Haven Metrology Service
13694 172nd Avenue, Grand Haven, MI 49417

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

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 April 2017):

Dimensional Inspection
(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

<i>Initial Accreditation Date:</i>	<i>Issue Date:</i>	<i>Expiration Date:</i>
June 27, 2010	August 03, 2022	October 31, 2024

<i>Accreditation No.</i>	<i>: Certificate No.:</i>
67643	L22-529

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.pjllabs.com



Certificate of Accreditation: Supplement

Haven Metrology Service

13694 172nd Avenue, Grand Haven, MI 49417
 Contact Name: Kyle Brummans Phone: 616-607-8095

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

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	2 Dimensional and 3 Dimensional Manufactured Products and Components	2 Dimensional and 3 Dimensional Features for Size, Location, and Orientation	Customer Supplied Dimensional Information ANSI Y14.5-M	Contact Coordinate Measurement Systems Up to 1 500 mm by 2 800 mm by 1 400 mm or R=1 800 mm D.L. = 0.002 5 mm (0.000 1 in)
		2 Dimensional Features for Size, Location, and Orientation		Optical Coordinate Measurement Systems Up to 1 500 mm by 600 mm by 300 mm or R=1 800 mm (Structured Light/Laser/Computed Tomography/Conventional Optics) D.L. = 0.002 5 mm (0.000 1 in)
		2 Dimensional Features for Size using Hand Gaging Tools		Hand Gaging Tools (Calipers, Micrometers, Height Gage) Up to 254 mm D.L. = 0.002 5 mm (0.000 1 in)
		2 Dimensional Features for Size		Gage Pins 0.25 in to 1.0 in D.L. = 0.001 in
		2 Dimensional Surface Finish		Profilometer (Surface Roughness Tester) Up to 0.036 in D.L. = 0.000 1 in

- 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.