PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Haven Metrology Service

13720 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 17025:2005

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 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/Operations Manager

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
June 27, 2010	September 12, 2018	October 30, 2020

Accreditation No.:	*Certificate No.:*
67643	L18-416

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.pjlabs.com

Certificate of Accreditation: Supplement

Haven Metrology Service
13720 172nd Avenue, Grand Haven, MI 49417
Contact Name: Jack Feddema 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	CMM 60 in x 104 in x 60 in D.L. = 0.000 1 in Optical 3D Measuring 50 mm to 800 mm Lens D.L. = 0.000 1 in
		2 Dimensional Features for Size, Location, and Orientation		Vision Measuring System 18 in x 24 in D.L. = 0.000 1 in
		2 Dimensional Features for Size using Micrometers		Micrometers 0 in to 6 in D.L. = 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

1. 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.