



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Assurance Technologies, Inc.
1251 Humbracht Circle, Unit A, Bartlett, IL 60103

(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 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

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

Initial Accreditation Date:

October 1, 2005

Issue Date:

March 30, 2022

Expiration Date:

May 31, 2024

Accreditation No.:

59361

Certificate No.:

L22-262

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

Assurance Technologies, Inc.

1251 Humbracht Circle, Unit a, Bartlett, IL 60103
 Contact Name: Michael Smith Phone: 630-550-5000

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 ^{FO}	Customer Supplied Product	Mechanical Inspection of Manufactured Products	OEM Instructions ANSI/ASME Y14.5-2009	0.000 1 in to 36 in D.L.= 40 µin (1.016 µm)
		Form Roundness and 2D Form	Mitutoyo Roundness Tester	Up to 300 mm Diameter (Height-Up to 500 mm)
		Flatness		
		Cylindricity and 3D Form	OEM Instruction	Up to 350 mm Length
		Straightness		
Mechanical ^{FO}	Metal, Automotive, Aerospace, Castings and Stamped Parts	Rockwell Hardness – B scale	ASTM E-18	30 HRB to 100 HRB D.L.= 0.1 HRB
		Rockwell Hardness – C scale		20 HRC to 68 HRC D.L.= 0.1 HRB
		Rockwell Hardness – 15N scale		69 HR15N to 94 HR15N D.L.= 0.1 HR15N
		Rockwell Hardness – 30N scale		41 HR30N to 85 HR30N D.L.= 0.1 HR30N
		Rockwell Hardness – 45N scale		19 HR45N to 76 HR45N D.L.= 0.1 HR45N
	Machine Components	Surface Texture	ASME B46.1	0.1 µin to 400 µin D.L.= 0.1 µin

1. The presence of a superscript FO means that the laboratory performs calibration of the indicated parameter both at its fixed location and onsite at customer locations. Example: Outside Micrometer^{FO} would mean that the laboratory performs this calibration at its fixed location and onsite at customer locations.