



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Assurance Technologies, Inc.
1760 Britannia Drive, Suite 1, Elgin, IL 60124

(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:

March 30, 2022

Issue Date:

July 20, 2024

Expiration Date:

August 31, 2026

Accreditation No.:

59361

Certificate No.:

L24-555

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.pjlab.com



Certificate of Accreditation: Supplement

Assurance Technologies, Inc.

1760 Britannia Drive, Suite 1, Elgin, IL 60124
 Contact Name: Mr. Michael Smith Phone: 630-550-5000

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

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F2	Dimensional Inspection ^{FO}	Customer Supplied Product	Mechanical Inspection of Manufactured Products	OEM Instructions ANSI/ASME Y14.5-2009	Micro-Vu Video Comparator
					CMM
					Mitutoyo Formtracer
					Optical Comparator
F1, F2			Form Roundness and 2D Form	OEM Instruction	Mitutoyo Roundness Tester
F1, F2			Flatness		
F1, F2			Cylindricity and 3D Form		
F1, F2			Straightness		
F1, F2	Mechanical ^{FO}	Metal, Automotive, Aerospace, Castings and Stamped Parts	Rockwell Hardness – B scale	ASTM E-18	Newage Indentron Rockwell Hardness Tester
F1, F2			Rockwell Hardness – C scale		
F1, F2			Rockwell Hardness – 15N scale		
F1, F2			Rockwell Hardness – 30N scale		
F1, F2			Rockwell Hardness – 45N scale		
F1, F2		Machine Components	Surface Texture	ASME B46.1	Mitutoyo SJ-410 Surface Roughness Tester

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.
- The presence of a superscript O means that the laboratory performs testing of the indicated parameter onsite at customer locations.
- Flex Code:
 - F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method
 - F2-Introduction of a new version of an accredited standard method (with no modifications)
 - F3-Introduction of a new parameter/component/analyte to an accredited test method
 - F4-Introduction of a new version or modifications of an accredited non-standard method
 - F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)