



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Metrology Solutions, Inc.

1335 Lakeside Dr Unit 6, Romeoville, IL 60446-1459

*and hereby declares that the Organization is accredited in accordance with
the recognized International Standard:*

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Dimensional and Mass, Force, and Weighing Devices Calibration ***(As detailed in the supplement)***

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:

February 19, 2004

Issue Date:

April 28, 2026

Expiration Date:

August 31, 2028

Accreditation No.:

59273

Certificate No.:

L26-367

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.pjlab.com*



Certificate of Accreditation: Supplement

Metrology Solutions, Inc.

1335 Lakeside Dr Unit 6, Romeoville, IL 60446-1459

Contact Name: Daniel Gerardy Phone: 630-679-0560

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY ($\pm$) ¹	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Dimensional	Digital/Dial Indicator	Up to 2 in	(94 + 9L) μ in	Gage Blocks Surface Plate	ASME B89.1 WI-07	F1, F2, F3	F, O
Dimensional	Height Gages	Up to 10 in	(86 + 5L) μ in	Gage Blocks Surface Plate	ASME B89.1 WI/04	F1, F2, F3	F, O
Dimensional	Height Gages	10 in to 30 in	(90 + 5L) μ in	Gage Blocks Surface Plate	ASME B89.1 WI/04	F1, F2, F3	F, O
Dimensional	Calipers	Up to 4 in	(76 + 9L) μ in	Gage Blocks Ring Gage	ASME B89.1.14 WI-03	F1, F2, F3	F, O
Dimensional	Calipers	4 in to 10 in	(106 + 1L) μ in	Gage Blocks Ring Gage	ASME B89.1.14 WI-03	F1, F2, F3	F, O
Dimensional	Calipers	10 in to 20 in	(100 + 2L) μ in	Gage Blocks Ring Gage	ASME B89.1.14 WI-03	F1, F2, F3	F, O
Dimensional	Calipers	20 in to 30 in	(0 + 7L) μ in	Gage Blocks Ring Gage	ASME B89.1.14 WI-03	F1, F2, F3	F, O
Dimensional	ID Micrometer	Up to 10 in	(72 + 7L) μ in	Gage Blocks	ASME B89.1.13 WI-06	F1, F2, F3	F, O
Dimensional	Depth Micrometer	Up to 10 in	(92 + 4L) μ in	Gage Blocks Surface Plate	ASME B89.1.13 WI-05	F1, F2, F3	F, O
Dimensional	OD Micrometer	Up to 4 in	(86 + 9L) μ in	Gage Blocks	ASME B89.1.13 WI-06	F1, F2, F3	F, O
Dimensional	OD Micrometer	4 in to 10 in	(128 + 2L) μ in	Gage Blocks	ASME B89.1.13 WI-06	F1, F2, F3	F, O
Dimensional	Laser Micrometer	Up to 1 in	(38 + 6D) μ in	Master Pins (Class XXX)	ASME B89.1.5 WI-11	F1, F2, F3	F, O
Dimensional	Laser Micrometer	1 in to 2 in	(25 + 18D) μ in	Master Pins (Class XXX)	ASME B89.1.5 WI-11	F1, F2, F3	F, O
Dimensional	Rulers / Scales	Up to 24 in	(116 + 11L) μ in	Vision System	ASME B89.7.2, ASME B89.7, ASME B89 WI-15, WI-17, WI-19, WI-20, WI-21	F1, F2, F3	F



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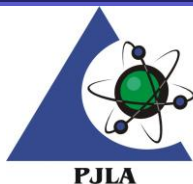
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Dimensional	Linear Standards	Up to 24 in	(72 + 14L) μ in	Vision System	ASME B89.7.2, ASME B89.7, ASME B89 WI-15, WI-17, WI-19, WI-20, WI-21	F1, F2, F3	F
Dimensional	Radius Gage	Up to 24 in	(116 + 11R) μ in	Vision System	ASME B89.7.2, ASME B89.7, ASME B89 WI-15, WI-17, WI-19, WI-20, WI-21	F1, F2, F3	F
Dimensional	Squares	Up to 12 in	(119 + 3L) μ in	Vision System	ASME B89.7.2, ASME B89.7, ASME B89 WI-15, WI-17, WI-19, WI-20, WI-21	F1, F2, F3	F
Dimensional	Ring Gage (Plain)	Up to 10 in	(118 + 5L) μ in	Vision System	ASME B89.7.2, ASME B89.7, ASME B89 WI-15, WI-17, WI-19, WI-20, WI-21	F1, F2, F3	F
Dimensional	Feeler Gages	Up to 0.2 in	(42 + 7L) μ in	Vision System	ASME B89.7.2, ASME B89.7, ASME B89 WI-15, WI-17, WI-19, WI-20, WI-21	F1, F2, F3	F
Dimensional	Plain Plug Gages, Pins	Up to 1 in	(53 + 7D) μ in	Laser Micrometer (Class XXX)	ASME B89.1.5 WI-12	F1, F2, F3	F



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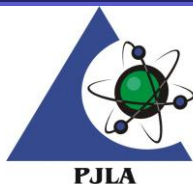
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Dimensional	Plain Plug Gages, Pins	1 in to 2 in	(57 + 2D) μ in	Laser Micrometer (Class XXX)	ASME B89.1.5 WI-12	F1, F2, F3	F
Dimensional	Thread Plugs (Major Diameter) (Threads Per Inch)	4 in to 72 in	(29 + 1L) μ in	Micrometer Thread Wires	ISO 16239 ASME B89.1.17 WI-25	F1, F2, F3	F
Dimensional	Thread Plugs (Pitch Diameter) (Threads Per Inch)	4 in to 72 in	(86 + 1L) μ in	Micrometer Thread Wires	ISO 16239 ASME B89.1.17 WI-25	F1, F2, F3	F
Dimensional	Optical Measuring System (X and Y axis)	Up to 12 in	(140 + 1L) μ in	Glass Scale Gage Blocks	ISO 10360-7 WI-09	F1, F2, F3	O
Dimensional	Optical Measuring System (X and Y axis)	12 in to 24 in	(30 + 15L) μ in	Glass Scale Gage Blocks	ISO 10360-7 WI-09	F1, F2, F3	O
Dimensional	Vision System (X, Y, and Z axis)	Up to 24 in	(116 + 11L) μ in	Glass Scale Gage Blocks	ISO 10360-7 WI-09	F1, F2, F3	O
Dimensional	Tool Makers Scope (X and Y axis)	Up to 8 in	(126 + 1L) μ in	Glass Scale 8 in	ISO 10360-7 WI-09	F1, F2, F3	O
Dimensional	Gage Blocks	Up to 1 in	(13 + 5L) μ in	Gage Block Comparison Gage Block Set	ASME B89.1.9 WI-22	F1, F2, F3	F
Dimensional	Gage Blocks	1 in to 4 in	(3.1 + 4L) μ in	Gage Block Comparison Gage Block Set	ASME B89.1.9 WI-22	F1, F2, F3	F
Dimensional	Gage Blocks	4 in to 10 in	(55 + 2L) μ in	Gage Block Comparison Gage Block Set	ASME B89.1.9 WI-22	F1, F2, F3	F
Dimensional	Gage Blocks	10 in to 20 in	(21 + 5L) μ in	Gage Block Comparison Gage Block Set	ASME B89.1.9 WI-22	F1, F2, F3	F
Dimensional	Surface Plates (Repeat Measurement)	0.002 in	42 μ in	Repeat-O-Meter Indicator	WI-23	F1, F3	O
Mass, Force, and Weighing Devices	Bench Scales	0.4 g to 45 359.2 g	(1.16 x 10 ⁻¹ + 8 x 10 ⁻⁷ Wt) g	Class F Test Weights	NIST Handbook 44 WI-24	F1, F2, F3	F, O



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Accreditation is granted to the facility to perform the following conformity assessment activities:

1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor k (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the CMC for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.
2. The laboratories range of calibration capability for all disciplines for which they are accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.
3. Location of activity:

Location Code	Location
F	Conformity assessment activity is performed at the CABs fixed facility
O	Conformity assessment activity is performed onsite at the CABs customer location
4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratories fixed location.
5. The term D represents diameter in inches or millimeters as appropriate to the uncertainty statement.

Note that Diameter and Diagonal both use the same designation "D". This is not a problem unless a laboratory is accredited for both; however, the usage is common and should be retained when possible and modified in the few cases where a laboratory is accredited for both. In those cases, continue to use D for diameter and use DL for Diagonal Length. This note is intended for internal office use only and is to be removed during preparation of draft documents.

6. The term L represents length in inches or millimeters as appropriate to the uncertainty statement.
7. The term R represents radius in inches or millimeters as appropriate to the uncertainty statement.
8. The term Wt represents weight in pounds or grams (including SI multiple and submultiple units) appropriate to the uncertainty statement.