



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Aero Lab Solutions, LLC DBA Aero-Lab .

8361 NW 64th Street, Miami, FL 33166

*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:

***Chemical, Dimensional, Electrical, Mechanical, Optical, and Thermodynamics
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:

May 15, 2026

Issue Date:

May 15, 2026

Expiration Date:

August 31, 2028

Accreditation No.:

133894

Certificate No.:

L26-415

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

Aero Lab Solutions, LLC DBA Aero-Lab .

8361 NW 64th Street, Miami, FL 33166

Contact Name: Kristy Pantelakis Phone: 786-202-7580

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
Chemical	pH Meters	4 pH	0.048 pH	pH Standard Buffered Solution	ALQP10.2.11, ASTM STP47876S	F0	F, O
Chemical	pH Meters	7 pH	0.043 pH	pH Standard Buffered Solution	ALQP10.2.11, ASTM STP47876S	F0	F, O
Chemical	pH Meters	10 pH	0.051 pH	pH Standard Buffered Solution	ALQP10.2.11, ASTM STP47876S	F0	F, O
Dimensional	Calipers	0.05 in to 12 in	(290 + 2L) μ in	Gage blocks, Long blocks	ALQP10.2.8	F0	F, O
Dimensional	Calipers	12 in to 24 in	(250 + 5.2L) μ in	Gage blocks, Long blocks	ALQP10.2.8	F0	F, O
Dimensional	Calipers	24 in to 40 in	(210 + 7L) μ in	Gage blocks, Long blocks	ALQP10.2.8	F0	F, O
Dimensional	Micrometers	0.05 in to 1 in	(19 + 17L) μ in	Gage blocks, Long blocks, Optical parallel	ALQP10.2.7	F0	F, O
Dimensional	Micrometers	1 in to 4 in	(30 + 9L) μ in	Gage blocks, Long blocks, Optical parallel	ALQP10.2.7	F0	F, O
Dimensional	Micrometers	4 in to 12 in	(28 + 12L) μ in	Gage blocks, Long blocks, Optical parallel	ALQP10.2.7	F0	F, O
Dimensional	Micrometers	12 in to 18 in	(73 + 6.6L) μ in	Gage blocks, Long blocks, Optical parallel	ALQP10.2.7	F0	F, O
Dimensional	Micrometers	18 in to 24 in	(29 + 9L) μ in	Gage blocks, Long blocks, Optical parallel	ALQP10.2.7	F0	F, O
Dimensional	Height Gages	0.05 in to 24 in	(300 + 3.5L) μ in	Gage blocks, Long blocks, Surface plate	ALQP10.2.9	F0	F, O
Dimensional	Height Gages	24 in to 40 in	(220 + 6.9L) μ in	Gage blocks, Long blocks, Surface plate	ALQP10.2.9	F0	F, O
Dimensional	Indicators (Digital/ Dial)	0.05 to 1 in	(77 + 1.6L) μ in	Gage blocks	ALQP10.2.10	F0	F, O
Electrical	Magnetic Particle Testing Bench	100 A to 10 000 A	(0.95% of Reading) + 19 A	SMTS-25 Shunt Meter Test Kit	ALQP10.2.3	F0	O



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Electrical	Eddy Current Flaw Detectors	100 Hz to 999 Hz	7 Hz	Fluke 123, Gain Test Box	ALQP10.2.5 ALQP10.2.6 ALQP10.2.13 ALQP10.2.14 ALQP10.2.15 ALQP10.2.16 ALQP10.2.17 ALQP10.2.18 ALQP10.2.19 ALQP10.2.20	F0	F
Electrical	Eddy Current Flaw Detectors	1 kHz to 999 kHz	0.65% of Reading (9 Hz minimum)	Fluke 123, Gain Test Box	ALQP10.2.5 ALQP10.2.6 ALQP10.2.13 ALQP10.2.14 ALQP10.2.15 ALQP10.2.16 ALQP10.2.17 ALQP10.2.18 ALQP10.2.19 ALQP10.2.20	F0	F
Electrical	Eddy Current Flaw Detectors	1 MHz to 12 MHz	3.00 % of Reading	Fluke 123, Gain Test Box	ALQP10.2.5 ALQP10.2.6 ALQP10.2.13 ALQP10.2.14 ALQP10.2.15 ALQP10.2.16 ALQP10.2.17 ALQP10.2.18 ALQP10.2.19 ALQP10.2.20	F0	F



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Electrical	Temperature Calibration, Indication and Control Equipment- Thermocouple Simulation (Equivalent EMF)	-100 mV to +100 mV	0.03 mV	Fluke 726	ALQP10.2.53	F0	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt100, (equivalent resistance simulation)	18.5 Ω to 390 Ω	0.24 Ω	Fluke 726	ALQP10.2.53	F0	F, O
Electrical	Analog Gauss Meter	-100 Gauss to 100 Gauss	0.15 % of Reading + 1.00 Gauss	Helmholtz Coil System (Magwerks) – Current (A) and Magnetic Field Strength (G)	ALQP10.2.4	F0	F
Electrical	Digital Gauss Meter	-100 Gauss to 100 Gauss	0.3 % of Reading + 0.60 Gauss	Lakeshore 455 DSP Gaussmeter, Helmholtz Coil System (Magwerks) – Current (A) and Magnetic Field Strength (G)	ALQP10.2.4	F0	F
Mechanical	Pressure Gauges	-12 psi to 300 psi	0.4 psi	Fluke 2700G-BG2M	ALQP10.2.54	F0	F, O
Mechanical	Pressure Gauges	300 psi to 5 000 psi	1.6 psi	Fluke 700G30	ALQP10.2.54	F0	F, O
Mechanical	Pressure Gauges	5 000 psi to 10 000 psi	6.4 psi	Fluke 700G31	ALQP10.2.54	F0	F, O
Mechanical	Torque Wrench and Screwdriver	5 lbf•in to 50 lbf•in	0.3 lbf•in	Mountz EZ50i	ALQP10.2.50	F0	F, O
Mechanical	Torque Wrench and Screwdriver	50 lbf•in to 250 lbf•in	1.1 lbf•in	CDI 2502-I-DTT	ALQP10.2.50	F0	F, O
Mechanical	Torque Wrench and Screwdriver	25 lbf•ft to 250 lbf•ft	1.3 lbf•ft	CDI 2503-F-DTT	ALQP10.2.50	F0	F, O



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Optical	White Light Meter (Illuminance)	0 fc to 500 fc	1.5 % of Reading	Gamma Scientific RS-9-1	ALQP10.2.1	F0	F
Optical	White Light Meter (Illuminance)	100 fL to 10 000 fL	1.5 % of Reading	Gamma Scientific RS-9-1	ALQP10.2.1	F0	F
Optical	UV Meter (Irradiance)	100 μ W/cm ² to 8 000 μ W/cm ²	2.0 % of Reading	Gamma Scientific RS-9-1	ALQP10.2.1	F0	F
Thermodynamic	Ovens/ Environmental Chambers (TUS/ SAT)	-45 °C to 204 °C	0.8 °C	Fluke1586A with Type K or T Thermocouples	AMS2750H	F0	O
Thermodynamic	Ovens/ Environmental Chambers (TUS/ SAT)	204 °C to 760 °C	1.9 °C	Fluke1586A with Type K or T Thermocouples	AMS2750H	F0	O
Thermodynamic	Ovens/ Environmental Chambers (TUS/ SAT)	-50 °F to 400 °F	1.4 °F	Fluke1586A with Type K or T Thermocouples	AMS2750H	F0	O
Thermodynamic	Ovens/ Environmental Chambers (TUS/ SAT)	400 °F to 1 400 °F	3.4 °F	Fluke1586A with Type K or T Thermocouples	AMS2750H	F0	O
Thermodynamic	IR Thermometer & Thermal Video Devices	-15 °C to 120 °C	0.9 °C	Infrared/ Blackbody Calibrator	ALQP10.2.52	F0	F, O
Thermodynamic	IR Thermometer & Thermal Video Devices	120 °C to 400 °C	2.6 °C	Infrared/ Blackbody Calibrator	ALQP10.2.52	F0	F, O
Thermodynamic	IR Thermometer & Thermal Video Devices	400 °C to 500 °C	2.9 °C	Infrared/ Blackbody Calibrator	ALQP10.2.52	F0	F, O
Thermodynamic	IR Thermometer & Thermal Video Devices	5 °F to 248 °F	1.6 °F	Infrared/ Blackbody Calibrator	ALQP10.2.52	F0	F, O
Thermodynamic	IR Thermometer & Thermal Video Devices	248 °F to 752 °F	4.7 °F	Infrared/ Blackbody Calibrator	ALQP10.2.52	F0	F, O
Thermodynamic	IR Thermometer & Thermal Video Devices	752 °F to 932 °F	5.2 °F	Infrared/ Blackbody Calibrator	ALQP10.2.52	F0	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 T represents temperature in °C or °F as appropriate to the uncertainty statement.
6. The term T represents torque in N•m (including SI multiple and submultiple units) for the International System of Units (the SI) or ozf•in, lbf•in and lbf•ft for the USC system of units.

Note that temperature and torque both use the same designation "T". 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 T for temperature and use Tr for torque. This note is intended for internal office use only and is to be removed during preparation of draft documents.