SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

RALSTON INSTRUMENTS, LLC
15035 Cross Creek Pkwy
Newbury, OH 44065
Griffin Ralston Phone: 440 564 1430

CALIBRATION

Valid To: January 31, 2027 Certificate Number: 6635.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following calibrations[1, 3]:

I. Mechanical

Parameter/Equipment	Range	CMC[2, 4] (±)	Comments
Vacuum – Measuring Equipment	(-13.5 to 0) psig	0.012 % of Reading + 0.0038 psi	Pneumatic, Fluke 8270A, PM600-A350K
Pressure – Measuring Equipment	(0 to 15) psig	0.002 % of Reading + 0.0020 psi	Pneumatic, Fluke 8270A, PM600-G100K
	(0 to 30) psig	0.002 % of Reading + 0.0042 psi	Pneumatic, Fluke 8270A, PM600-A350K
	(0 to 100) psig	0.004 % of Reading + 0.008 psi	Pneumatic, Fluke 8270A, PM600-A700K
	(0 to 500) psig	0.008 % of Reading + 0.020 psi	Pneumatic. Fluke 8270A, PM600-A3.5M

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8398 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Parameter/Equipment	Range	CMC[2, 4] (±)	Comments
Pressure – Measuring Equipment (cont)	(0 to 1000) psig	0.006 % of Reading + 0.05 psi	Pneumatic, Fluke 8270A, PM600-A7M
	(0 to 3000) psig	0.006 % of Reading + 0.15 psi	Pneumatic, Fluke 8370A, PM600-A20M
	(0 to 5000) psig	0.007 % of Reading + 0.25 psi	Pneumatic, Fluke 8370A, PM600-A40M
	(0 to 10 000) psig	0.014 % of Reading + 1.0 psi	Pneumatic, Fluke 8370A PM630-A70M
	(0 to 30 000) psig	0.015 % of Reading + 6.0 psi	Hydraulic Fluid, Fluke PPCH-A200M-S

II. Thermodynamics

Parameter/Equipment	Range	CMC[2, 4] (±)	Comments
Temperature – Measuring Equipment	(-30 to 150) °C	0.025 °C	Fluke 1529, Fluke 7341, Fluke 5628

[1] This laboratory offers commercial calibration service.

[2] Calibration and Measurement Capability (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. Calibration and Measurement Capabilities represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] This scope meets A2LA's *P112 Flexible Scope Policy.*

[4] The type of instrument or material being calibrated is defined by the parameter. This indicates the laboratory is capable of calibrating instruments that measure or generate the values in the ranges indicated for the listed measurement parameter.

Accredited Laboratory

A2LA has accredited

RALSTON INSTRUMENTS, LLC

Newbury, OH

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 10th day of April 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6635.01
Valid to January 31, 2027

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.