SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017
& ANSI/NCSL Z540-1-1994

DICKSON
930 South Westwood Ave.
Addison, IL 60101
Jay Isik Phone: 630 563 4233

CALIBRATION

Valid To: July 31, 2027 Certificate Number: 1621.01

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. Chemical

Parameter/Equipment	Range	CMC[2] (±)	Comments
Gas Detection Equipment – CO_2	Up to 10 % CO_2	0.31 % CO_2	Chamber with CO_2 standard

II. Mechanical

Parameter/Equipment	Range	CMC[2, 4, 5] (±)	Comments
Pressure – Measure			
Standard	Up to 500 psi (500 to 1000) psi	0.34 psi 6 psi	Pressure transducer standard
Differential	(-2 to 2) in H_2O	0.61 % + 0.000 53 in H_2O	
	(0 to 100) Pa	3 Pa	Flow meter standard

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

III. Thermodynamics

Parameter/Equipment	Range	CMC[2, 4] (±)	Comments
Relative Humidity – Measure	(5 to 95) % RH at (15 to 35) °C	0.50 % RH	Chilled mirror standards
	(10 to 95) % RH at (5 to 50) °C	3 % RH	Chamber with relative humidity instrument
Resistance Thermometry – Measuring Equipment	(-120 to 360) °F (-84 to 182) °C	0.15 °F 0.08 °C	Chamber with platinum RTD
	(-80 to 0) °C	0.07 °C	Alcohol bath and platinum RTD
	(-30 to 150) °C	0.06 °C	Silicone oil bath and platinum RTD
Fixed Points	0 °C	0.05 °C	Ice bath and platinum RTD
	-196 °C	0.4 °C	Liquid nitrogen bath and platinum RTD
Thermocouple Temperature Simulation –			
Type K	(-320 to 2000) °F	0.87 °F	Thermocouple simulator

[1] This laboratory offers commercial calibration service for Dickson and Oceasoft products only.

[2] Calibration and Measurement Capability Uncertainty (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. CMCs 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.

[5] In the statement of CMC, percentage (%) refers to percent of reading, unless otherwise noted.

Accredited Laboratory

A2LA has accredited

DICKSON

Addison, IL

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 the requirements of ANSI/NCSL Z540-1-1994 and 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 13th day of August 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1621.01
Valid to July 31, 2027

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