



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ALDEN RESEARCH LABORATORY, INC.  
30 Shrewsbury Street  
Holden, MA 01520  
Phillip Stacy Phone: 508 829 6000

CALIBRATION

Valid To: August 31, 2020

Certificate Number: 4936.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1,5</sup>:

I. Fluid Quantities

Parameter/Equipment	Range	CMC <sup>2,3</sup> (±)	Comments
Flow Rate – Meters and Differential Producers	(0.9 to 90) GPM	0.08 %	Allen 1000 lb water gravimetric system
	(50 to 2000) GPM	0.08 %	Allen 10 000 lb water gravimetric system
	(200 to 20 000) GPM	0.10 %	Allen 100 000 lb water gravimetric system
Flow Rate – Current <sup>4</sup>	(4 to 20) mA	0.14 %	6 ½ Digit multimeter

<sup>1</sup> This laboratory offers commercial calibration service.

<sup>2</sup> 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.

<sup>3</sup> In the statement of CMC, percentages are to be read as percent of reading, unless otherwise noted.

<sup>4</sup> Pertaining to the signal produced by meters calibrated under Flow Rate.

<sup>5</sup> This Scope meets A2LA's P112 Flexible Scope Policy.



## *Accredited Laboratory*

A2LA has accredited

**ALDEN RESEARCH LABORATORY, INC.**

*Holden, MA*

for technical competence in the field of

**Calibration**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 17<sup>th</sup> day of October 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 4936.01  
Valid to August 31, 2020

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