



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

WIKA INSTRUMENTS, LP
1000 Wiegand Blvd
Lawrenceville, GA 30043
Bernadette Biggs Phone: 770 338 5160

CALIBRATION

Valid To: October 31, 2024

Certificate Number: 3672.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations^{1, 6}:

I. Mechanical

Parameter/Equipment	Range	CMC ^{2, 3, 4, 5} (\pm)	Comments
Pressure – Measuring Equipment			
Pneumatic	(15 to 1200) psi	0.01 % of rdg + 0.6R	DH DWT
Hydraulic	(600 to 15 000) psi	0.03 % of rdg + 0.6R	DH DWT

II. Thermodynamics

Parameter/Equipment	Range	CMC ^{2, 5} (\pm)	Comments
Temperature – Measuring Equipment	(-30 to 100) °C	0.33 °C	Temperature bath, PRT
	(100 to 400) °C	0.61 °C	Dryblock, PRT

¹ This laboratory offers commercial calibration service.

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 The CMC for this Parameter/Equipment applies for performance verification of the "best existing" device under test and not for the assignment of reference values, and therefore certain characteristics of the "best existing" device under test (e.g., resolution) are not included in this CMC estimate.

⁴ In the statement of CMC, R is the resolution of the unit under test.

⁵ 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.

⁶ This scope meets A2LA's *P112 Flexible Scope Policy*.



Accredited Laboratory

A2LA has accredited

WIKA INSTRUMENT, LP

Lawrenceville, GA

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 23rd day of February 2023.

A blue ink signature of Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3672.01
Valid to October 31, 2024

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