



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

UNITED PROCESS CONTROLS INC.
8904 Beckett Road
West Chester, OH 45064
Eric Patterson Phone: 513 772 1000

CALIBRATION

Valid To: January 31, 2020

Certificate Number: 4764.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations¹:

I. Fluid Quantities

Parameter	Range	CMC ^{2,3} (±)	Comments
Gas Analyzers – CO – Carbon Monoxide CO ₂ – Carbon Dioxide CH ₄ – Methane	(0.0, 15.0, 25.0) mol % (0.0, 0.1, 1) mol % (0.0, 5.0, 10) mol %	0.37 % 0.06 % 0.62 %	Gas cylinders based on a nitrogen matrix mixed with concentrate and assigned reference value approximated to fixed points required

¹ This laboratory offers commercial calibration services.

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 In the statement of CMC, percentage is the percent of reading unless otherwise noted.



Accredited Laboratory

A2LA has accredited

UNITED PROCESS CONTROLS INC.

West Chester, OH

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 8 January 2009*).



Presented this 31st day of January 2018.

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

President and CEO
For the Accreditation Council
Certificate Number 4764.01
Valid to January 31, 2020

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