



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ATEQ S.A.S.
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CALIBRATION

Valid To: May 31, 2024

Certificate Number: 2831.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations^{1,3}:

I. Fluid Quantities

Parameter/Equipment	Range	CMC ^{2,4} (±)	Comments
Gas Flow – Measure	(0.4 to 4.0) sccm	1.3 % of rdg + 0.04 sccm	CDF60 D1021
	(4 to 40) sccm	0.80 % of rdg + 0.10 sccm	CDF60 D198
	(1 to 10) sccm	0.62 % of rdg + 0.01 sccm	DHI Molbloc 1E1
	(4 to 100) sccm	0.25 % of rdg + 0.05 sccm	DHI Molbloc 1E2
	(10 to 1000) sccm	0.20 % of rdg + 1.0 sccm	DHI Molbloc 1E3
	(100 to 5000) sccm	0.31 % of rdg + 1.0 sccm	DHI Molbloc 5E3
	(5000 to 30 000) sccm	0.70 % of rdg + 50 sccm	DHI Molbloc 1E5
	(5000 to 80 000) sccm	0.70 % of rdg + 300 sccm	DHI Molbloc 1E5

II. Mechanical

Parameter/Equipment	Range	CMC ^{2, 4} (±)	Comments
Pressure – Gas, Measure	(-95 to 0) kPa	24 Pa	Gauge (vacuum)
	(0 to 13) Pa	0.1 % of rdg + 0.1 Pa	Gauge
	(13 to 133) Pa	0.13 % of rdg + 0.1 Pa	
	(0 to 1333) Pa	0.06 % of rdg + 0.16 Pa	
	(0 to 5) kPa	0.02 % of rdg + 3 Pa	
	(0 to 10) kPa	0.035 % of rdg + 3.5 Pa	
	(0 to 15) kPa	0.050 % of rdg + 3.5 Pa	
	(0 to 160) kPa	0.008 % of rdg + 7 Pa	
	(0 to 600) kPa	0.005 % of rdg + 150 Pa	
	(600 to 2500) kPa	0.005 % of rdg + 350 Pa	
	(7.5 to 250) kPa	35 Pa	Gauge (absolute)
	(100 to 2500) kPa	0.006 % of rdg + 450 Pa	
	(2 to 120) kPa	0.002 % of rdg + 10 Pa	
	(2 to 350) kPa	0.002 % of rdg + 20 Pa	

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 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

ATEQ S.A.S

Les Clayes Sous Bois, FRANCE

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 22nd day of April 2022.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2831.02
Valid to May 31, 2024

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