



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ATEQ CANADA, INC.
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CALIBRATION

Valid To: April 30, 2013

Certificate Number: 2831.01

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

I. Fluid

Parameter/Equipment	Range	CMC ² (±)	Comments
Gas Flow	(0.2 to 2) sccm	1 % of reading + 0.01 sccm	Direct comparison with standard flow meter: DHI Molbloc 1E1 DHI Molbloc 1E1 DHI Molbloc 5E2 DHI Molbloc 3E4
	(2 to 20) sccm	0.6 % of reading + 0.004 sccm	
	(10 to 1000) sccm	0.5 % of reading + 0.001 sccm	
	(720 to 32 000) sccm	0.4 % of reading + 6 sccm	

II. Mechanical

Parameter/Equipment	Range	CMC ² (±)	Comments
Pressure – Gas	(0 to 1500) Pa	0.003 % of reading + 0.3 Pa	Gauge
	(0 to 15) kPa	0.003 % of reading + 0.9 Pa	
	(0 to 250) kPa	0.001 % of reading + 6 Pa	
	(0 to 3500) kPa	0.005 % of reading + 90 Pa	
	(0 to -100) kPa	0.004 % of reading + 10 Pa	

¹ This laboratory offers commercial calibration service.

² Calibration and Measurement Capability (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. Calibration and Measurement Capabilities 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.



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

ATEQ CANADA INC.

Mississauga, Ontario Canada

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 any additional program requirements in the field of calibration. 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 8th day of September 2011.





Peter Meyer

President & CEO
For the Accreditation Council
Certificate Number 2831.01
Valid to April 30, 2013

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