



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

WestAir Gases and Equipment, Inc.
2300 Haffley Avenue, National City, CA 91950

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2005

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Testing of Specialty Gases
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President/Operations Manager

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:

July 19, 2012

Issue Date:

September 16, 2018

Expiration Date:

December 31, 2020

Accreditation No.:

74047

Certificate No.:

L18-450

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs.com



Certificate of Accreditation: Supplement

WestAir Gases and Equipment, Inc.

2300 Haffley Avenue, National City, CA 91950
Contact Name: Dave Messina Phone: 619-239-7571
Jay Josafat
Austin Romesberg

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	High pressure and cryogenic gases	Calibration Gas Cylinder -Trace moisture concentration	Electrolytic Moisture Analyzer	0.5 µmol/mol to 500 µmol/mol (0.13 µmol/mol LoD)
		Calibration Gas Cylinder -Percent oxygen concentration	Paramagnetic Oxygen Analyzer	1 mmol/mol to 1 000 mmol/mol (0.12 mmol/mol LoD)
		Calibration Gas Cylinder -Trace oxygen concentration	Electrochemical Oxygen Analyzer	0.5 µmol/mol to 500 µmol/mol (0.036 µmol/mol LoD)
		Calibration Gas Cylinder – Total hydrocarbon concentration	Total Hydrocarbon Analyzer (FID)	0.5 µmol/mol to 2 500 µmol/mol (0.12 µmol/mol LoD)
		Calibration Gas Cylinder – Gas mixture composition	Gas Chromatograph with Thermal Conductivity Detector	100 µmol/mol to 1 000 000 µmol/mol (21 µmol/mol LoD)
		Calibration Gas Cylinder – Carbon dioxide concentration in gases	Carbon Dioxide Analysis using NDIR	1 mmol/mol to 300 mmol/mol (0.12 mmol/mol LoD)
		Calibration Gas Cylinder -Gas mixture concentration	Gravimetric Balance	0.05 mmol/mol to 1 000 mmol/mol (0.000 3 mmol/mol LoD)

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this testing at its fixed location.