



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

### **Keen Compressed Gas Co**

**4063 New Castle Avenue, Bldg 4061, New Castle, DE 19720**

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

### **ISO/IEC 17025:2017**

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):

**Chemical Testing**  
*(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

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

<i>Initial Accreditation Date:</i>	<i>Issue Date:</i>	<i>Expiration Date:</i>	<i>Extension Date:</i>
April 01, 2020	April 01, 2020	June 30, 2022	July 31, 2022

*Accreditation No.:*  
103049

*Certificate No.:*  
L20-168

*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.pjilabs.com](http://www.pjilabs.com)*



# Certificate of Accreditation: Supplement

## Keen Compressed Gas Co

4063 New Castle Avenue, Bldg 4061 New Castle, DE 19720  
Contact Name: Lawrence Priebe Phone: 302-594-4545

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 <sup>F</sup>	High-pressure and Cryogenic Gases	Binary Gas Gas Mixture Concentration Multiple Components in Argon or Nitrogen	Thermal Conductivity Detector Procedure: WI-4.32(LP)	4.98 cmol/mol (%) to 40.02 cmol/mol (%) (0.16 cmol/mol (%) LoD)
		Gas Trace Moisture Analysis	AquaVolt+/Meeco Procedure: WI-4.19(LP)	0.158 µmol/mol to 22 µmol/mol (0.042 µmol/mol LoD)
		Gas Trace Oxygen Concentration	Coulometric Procedure: WI-4.17(LP)	0.058 µmol/mol to 7.8 µmol/mol (0.019 µmol/mol LoD)
		Gas Total Hydrocarbons Concentration	FID Procedure: WI-4.21(LP)	0.76 µmol/mol to 7.01 µmol/mol (0.15 µmol/mol LoD)
		Gas Oxygen Concentration (Assay)	Paramagnetic Oxygen 4100 Procedure: WI-4.31(LP)	0.1 cmol/mol (%) to 20.04 cmol/mol (%) (0.016 cmol/mol (%) LoD)
		Trace N2 / Argon or Helium - Gas Concentration	1200B Procedure: WI-4.17(LP)	0.078 µmol/mol to 18.5 µmol/mol (0.026 µmol/mol LoD)
		Flammable Gas Mixture Concentration	GRV01 Procedure: WI-4.23(LP)	100 µmol/mol to 1 000 000 µmol/mol (2.2 µmol/mol LoD)
		Non-flammable Gas Mixture Concentration	GRV06 Procedure: WI-4.23(LP)	100 µmol/mol to 1 000 000 µmol/mol (1.7 µmol/mol LoD)

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this testing at its fixed location.