



# 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

*Initial Accreditation Date:*

April 01, 2020

*Issue Date:*

May 04, 2022

*Expiration Date:*

July 31, 2024

*Accreditation No.:*

103049

*Certificate No.:*

L22-341

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

*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	Gas Mixture Concentration	Binary Gas Analyzer, Thermal Conductivity Detector - Series 20/GOW-MAC/FF207811 Procedure: WI-4.32(LP)	4.98 cmol/mol (%) to 40.02 cmol/mol (%) (0.16 cmol/mol (%) LoD)
			Trace Moisture Analysis - AquaVolt+/Meeco/19357-42-6 Procedure: WI-4.19(LP)	0.158 μmol/mol to 22 μmol/mol (0.042 μmol/mol LoD)
			Coulometric - DF150E/Servomex/100843 Procedure: WI-4.17(LP)	0.058 μmol/mol to 7.8 μmol/mol (0.019 μmol/mol LoD)
			Total Hydrocarbons - 2400/GOW-MAC/GG6950 Procedure: WI-4.21(LP)	0.76 μmol/mol to 7.01 μmol/mol (0.039 μmol/mol LoD)
			Paramagnetic Oxygen Analysis - 4100/Servomex/100558 Procedure: WI-4.31(LP)	0.1 cmol/mol (%) to 20.04 cmol/mol (%) (0.016 cmol/mol (%) LoD)
			Trace N2 / Argon - 1200B/GOW-MAC/FF70311 Procedure: WI-4.17(LP)	0.078 μmol/mol to 18.5 μmol/mol (0.026 μmol/mol LoD)
			Grv01 - Minebea Intec /37466226 Procedure: WI-4.23(LP)	100 μmol/mol to 1 000 000 μmol/mol (2.2 μmol/mol LoD)
			GRV06 - 252259100 Procedure: WI-4.23(LP)	100 μmol/mol to 1 000 000 μmol/mol (1.7 μmol/mol LoD)
		Drager Contaminant - Ammonia (CH20501)	DR01 - Drager X-act500 - ARND-0025 Procedure: WI-18(LP)	5 ppm to 600 ppm
		Drager Contaminant - Carbon Dioxide (8101811)	DR01 - Drager X-act500 - ARND-0025 Procedure: WI-18(LP)	100 ppm to 3 000 ppm
		Drager Contaminant - Carbon Monoxide (Ch25601)	DR01 - Drager X-act500 - ARND-0025 Procedure: WI-18(LP)	5 ppm to 700 ppm
		Drager Contaminant - Chlorine (CH24301)	DR01 - Drager X-act500 - ARND-0025 Procedure: WI-18(LP)	0.2 ppm to 30 ppm



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Chemical <sup>F</sup>	High-pressure and Cryogenic Gases	Drager Contaminant – Hydrogen Sulfide (6719001)	DR01 – Drager X-act500 – ARND-0025 Procedure: WI-18(LP)	1.0 ppm to 200 ppm
		Drager Contaminant – Nitrose Gases (8103661)	DR01 – Drager X-act500 – ARND-0025 Procedure: WI-18(LP)	0.2 ppm to 6 ppm
		Drager Contaminant – Sulphur Dioxide (CH31701)	DR01 – Drager X-act500 – ARND-0025 Procedure: WI-18(LP)	1.0 ppm to 25 ppm
		Drager Contaminant – Water (6728531)	DR01 – Drager X-act500 – ARND-0025 Procedure: WI-18(LP)	5 mg/m <sup>3</sup> to 300 mg/m <sup>3</sup>
		Purity Tester Apparatus	Zahm01 – Series 10,000 - 32183  Procedure: CO2 100a13 Orsat_2019-08-08 Keen Request Revision CO2_100a13_ZN	1% to 100%
	Gas Chromatograph	Inficon-01 – 70089704  Procedure: WI-20(LP)	100 mmol/mol to 1 000 000 mmol/mol	
Electrical <sup>F</sup>	Welding and electrical distribution equipment	Voltage and current tests	Fluke01 - Fluke 115 / 10470960 & 18053619-WI20 Welding Equipment Calibration & Certification	5 DC Volts to 10 DC Volts (1 DC Volts LoD)
				10 DC Volts to 20 DC Volts (1.1 DC Volts LoD)
				20 DC Volts to 30 DC Volts (2 DC Volts LoD)
				30 DC Volts to 39 DC Volts (3 DC Volts LoD)
				10 DC mV to 99 DC mV (1.1 DC mV LoD)
				100 DC mV to 150 DC mV (10 DC mV LoD)
				150 DC mV to 249 DC mV (15 DC mV LoD)
				250 DC mV to 350 DC mV (25 DC mV LoD)
				5 DC Volts to 10 DC Volts (0.53 DC Volts LoD)
				10 DC Volts to 20 DC Volts (1.1 DC Volts LoD)



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Electrical <sup>F</sup>	Welding and electrical distribution equipment	Voltage and current tests	Fluke01 - Fluke 115 / 10470960 & 18053619-WI20 Welding Equipment Calibration & Certification	20 DC Volts to 30 DC Volts (2 DC Volts LoD)
				30 DC Volts to 39 DC Volts (3 DC Volts LoD)
				10 DC mV to 99 DC mV (1.1 DC mV LoD)
				100 DC mV to 150 DC mV (10 DC mV LoD)
				150 DC mV to 249 DC mV (16 DC mV 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.

