



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Central Welding Supply
13305 38th Ave NE, Marysville, WA 98271

(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:

December 20, 2020

Issue Date:

February 16, 2023

Expiration Date:

May 31, 2025

Accreditation No.:

112792

Certificate No.:

L23-128

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



Certificate of Accreditation: Supplement

Central Welding Supply

13305 38th Ave NE, Marysville, WA 98271
Contact Name: Gary Emerson Phone: 360-454-5550

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	Gas Mixture Concentration	Binary Gas Analyzer, Thermal Conductivity Detector	2 cmol/mol (%) to 75 cmol/mol (%) (0.23 cmol/mol (%) LoD)
			Carbon Dioxide in Gas - NDIR - Horiba GA-360E KMYXWRLW	0.9 µmol/mol (ppm) to 7.3 µmol/mol (ppm) (0.11 µmol/mol (ppm) LoD)
			Carbon Monoxide in Gas - NDIR - Horiba GA-360E KMYXWRLW	0.9 µmol/mol (ppm) to 7.85 µmol/mol (ppm) (0.11 µmol/mol (ppm) LoD)
			Trace Moisture Analysis - Meeco, AquaVolt, SN 17131-41-2	5.8 µmol/mol (ppm) to 101 µmol/mol (ppm) (0.46 µmol/mol (ppm) LoD)
			Trace Oxygen - Teledyne, 3000TA-XL, 324868	0.2 µmol/mol (ppm) to 2.9 µmol/mol (ppm) (0.016 µmol/mol (ppm) LoD)
			Total Hydrocarbons - Baseline, Series 9000, 0915DN0844	0.25 µmol/mol (ppm) to 8.5 µmol/mol (ppm) (0.013 µmol/mol (ppm) LoD)
			Paramagnetic Oxygen Analysis - Servomex	1 cmol/mol (%) to 99.99 cmol/mol (%) (0.026 cmol/mol (%) LoD)
			GC - TCD	0.144 cmol/mol (%) to 17.5 cmol/mol (%) (0.002 4 cmol/mol (%) LoD)
			GC - DID – Gow-Mac Series 580 DID, S139405	7.5 µmol/mol (ppm) to 500 µmol/mol (ppm) (0.76 µmol/mol (ppm) LoD)
			Scale - KCC-150, Sartorius, 27559057	1 µmol/mol to 1 000 000 µmol/mol (0.27 µmol/mol LoD)
			Bench Top Scale – Precisa, 7202666	1 µmol/mol to 1 000 000 µmol/mol (0.013 µmol/mol LoD)
			Scale - Minebea, 37966507	1 µmol/mol to 1 000 000 µmol/mol (0.16 µmol/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.