PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

IWS Gas and Supply

111 Buras Drive, Belle Chasse, LA 70037

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Chemical Testing

(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
July 03, 2008	March 12, 2025	March 31, 2027

Accreditation No.:	*Certificate No.:*
62778	L25-200

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.pjlabs.com

Certificate of Accreditation: Supplement

IWS Gas and Supply

111 Buras Drive, Belle Chasse, LA 70037
Contact Name: Bill Vernon Phone: 504-392-2400

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	High Pressure Gases, Cryogenic Gases	Trace Moisture Concentration	Waterboy LP2 Manual Sec. 3-4	Electrolytic Moisture Analysis	F1, F2	F
Chemical	High Pressure Gases, Cryogenic Gases	Trace Hydrocarbon Concentration	IM-103-400A, Sec. 3	Flame Ionization Detector/Non-dispersive Infrared (NDIR)	F1, F2, F3	F
Chemical	High Pressure Gases, Cryogenic Gases	Trace Oxygen Concentration	DF310E Op. Manual, Sec 6	Electrochemical Oxygen Analysis	F1, F2	F
Chemical	High Pressure Gases, Cryogenic Gases	Percent Oxygen Concentration	Oxymat 6E/F Manual, Sec. 4-5	Paramagnetic Oxygen Analysis	F1, F2	F
Chemical	High Pressure Gases, Cryogenic Gases	Gas Mixture Concentration	ASTM D1945 / ASTM D2163	GC-TCD	F1, F2, F3	F
Chemical	High Pressure Gases, Cryogenic Gases	Gas Mixture Concentration	ASTM D1945 / ASTM D2163	GC-FID	F1, F2, F3	F
Chemical	High Pressure Gases, Cryogenic Gases	Trace Nitric Oxide Concentration	CLD 822 Guidelines Sec. 5-7	Chemiluminescence Analysis	F1, F2	F
Chemical	High Pressure Gases, Cryogenic Gases	Trace Hydrogen Sulfide Concentration	ASTM D5504	Chemiluminescence Analysis	F1, F2	F
Chemical	High Pressure Gases, Cryogenic Gases	Trace Carbon Monoxide Concentration	Ultramat 6E/F Manual, Sec. 4-5	NDIR	F1, F2	F
Chemical	High Pressure Gases, Cryogenic Gases	Concentration of Carbon Dioxide	Ultramat 6E/F Manual, Sec. 4-5	NDIR	F1, F2	F
Chemical	High Pressure Gases, Cryogenic Gases	Trace Sulfur Dioxide Concentration	Ultramat 6E/F Manual, Sec. 4-5	NDIR	F1, F2	F

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Accreditation is granted to the facility to perform the following conformity assessment activities:

1. Location of activity:

Location	Location
F	Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:
   F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.
   F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
   F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
   F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
   F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
   F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope