



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

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

### ***Coastal Flow Liquid Measurement, Inc.***

*22210 McCleskey Rd, New Caney, TX 77357  
133 South Parkway Drive LaVernia., TX 78121*

*(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):

### ***Calibration of Mechanical, Thermodynamic and Mass, Force & Weighing devices (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:*

November 21, 2016

*Issue Date:*

December 17, 2022

*Expiration Date:*

February 28, 2025

*Accreditation No.:*

92789

*Certificate No.:*

L22-872

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 PJA website: [www.pjllabs.com](http://www.pjllabs.com)*



# Certificate of Accreditation: Supplement

## Coastal Flow Liquid Measurement, Inc.

22210 McCleskey Rd, New Caney, TX 77357  
 133 South Parkway Drive LaVernia., TX 78121  
 Contact Name: Chris Espitia Phone: 713-477-1956

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

**Main location - 22210 McCleskey Rd. New Caney, TX 77357**

### Mechanical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Captive Displacement Prover <sup>FM</sup>	1 gal	0.01 % of Reading	Class 4 Weights Thermometers Pressure Gauges Gravimetric Water draw A&D / FP6000 Scale WI 7.2-1
	2 gal to 210 gal	0.02 % of Reading	Class 4 Weights Thermometers Pressure Gauges Gravimetric Water draw Sartorius IS300IGG-H1 Scale WI 7.2-1
Pycnometer <sup>F</sup> Volume	500 cm <sup>3</sup>	0.01 % of Reading	Class 2 Weights, 6K G scale, Thermometers Pressure Gauges API MPMS Ch. 9.4 WI 7.2-1
	1 000 cm <sup>3</sup>	0.01 % of Reading	
Flow Meters <sup>F</sup>	Up to 1 500 gal/min	0.02 % of Reading	Digital Thermometers Pressure Gauges Small Volume Provers API 4.8 WI 7.2-1
	Up to 12 000 lbs/min	0.02 % of Reading	
Pressure Gauges <sup>F</sup>	Up to 600 psi 601 to 1 200 psi 1 201 to 1 800 psi 1 801 to 2 400 psi 2 401 to 3 000 psi	0.19 psi 0.26 psi 0.35 psi 0.45 psi 0.55 psi	Deadweight Tester Digital Thermometer Hygrometer WI 7.2-1

### Mass, Force & Weighing

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Pycnometer Weight <sup>F</sup>	1 000 g to 4 000 g	0.01 % of Reading	Class 2 Weights 6K G scale API MPMS Ch. 9.4 WI 7.2-1



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22210 McCleskey Rd, New Caney, TX 77357

133 South Parkway Drive LaVernia., TX 78121

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

### Thermodynamic

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Digital Thermometers <sup>F</sup>	0 °C to 150 °C	0.03 °C	Dryblock Digital Thermometer Readout Secondary PRT WI 7.2-1
	151 °C to 660 °C	0.06 °C	

### Satellite location #1 - 133 South Parkway Drive LaVernia., TX 78121

### Mechanical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
Flow Meters <sup>F</sup>	Up to 500 gal/min	0.062 % of Reading	Digital Thermometers Pressure Gauges Thermo-Hygrometer Small Volume Provers API 4.8 WI 7.2-1
	Up to 4 150 lbs/min	0.062 % of Reading	

- The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor  $k$  (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the CMC for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.
- The laboratories range of calibration capability for all disciplines for which they are accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.
- The presence of a superscript F means that the laboratory performs calibration of the indicated parameter both at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this calibration at its fixed location.
- The presence of a superscript M means that the laboratory performs calibration of the indicated parameter at its mobile laboratory. Example: Outside Micrometer<sup>M</sup> would mean that the laboratory performs this calibration at a mobile laboratory.



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*Accreditation is granted to the facility to perform the following calibrations:*

5. The presence of a superscript FM means that the laboratory performs calibration of the indicated parameter both at its fixed location and mobile lab. Example: Outside Micrometer<sup>FM</sup> would mean that the laboratory performs this calibration at its fixed location and mobile lab

