PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Calibración e Inspecciones CEISA, S.A. de C.V.

Carretera Km. 14.5, Parcela 157, No. L2, Colonia Granjas Futura
Umán, Yucatán, México. CP. 97390

(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):

Mechanical Calibration
(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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
June 12, 2015	January 07, 2024	February 28, 2026

Accreditation No.:	*Certificate No.:*
78064	L24-27

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

Calibración e Inspecciones CEISA, S.A. de C.V.

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Umán, Yucatán, México. CP. 97390
Contact Name: Felipe Garcia Phone: 922-128-3882

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

Mechanical

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION OR MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED
Cylindrical Tanks Geometric Method (Dry)^{O}	1 m^3 to 100 000 m^3	0.2 % Contained Volume	Strapping Tape Theodolite or Total Station API MPMS	Chapter 2.2A ISO 7507-1 API MPMS Chapter 2.2B ISO 7507-2
Cylindrical Tanks Volumetric Method (Wet)^{O}	1 m^3 to 100 000 m^3	0.2 % Contained Volume	Master Meter	API STD 2555 ISO 7507-1 & ISO 4269
Horizontal Tanks Geometric Method^{O}	1 m^3 to 376 m^3	0.18 % Contained Volume	Strapping Tape	ISO 12917-1 API MPMS Chapter 2.2E API STD 2551
Horizontal Tanks Volumetric Method^{O}	1 m^3 to 376 m^3	0.18 % Contained Volume	Master Meter	ISO 12917-1, API STD. 2551, API STD. 2555 ISO 4269
Spherical Tanks Geometric Method^{O}	1 m^3 to 5 000 m^3	0.2 % Contained Volume	Strapping Tape	API STD 2552
Spherical Tanks Volumetric Method^{O}	1 m^3 to 5 000 m^3	0.2 % Contained Volume	Master Meter	API STD 2552 API STD 2555 ISO 4269

1. 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.

2. 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.

3. The presence of a superscript O means that the laboratory performs calibration of the indicated parameter onsite at customer locations. Example: Outside Micrometer^{O} would mean that the laboratory performs this calibration onsite at the customer's location.

4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratories fixed location.