PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

STC Labs

1820 Griffin Parkway. Suite J
Mission, Texas, USA. Zip Code: 78572

(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):

Dimensional 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:*
February 12, 2021	January 04, 2024	January 31, 2027

Accreditation No.:	*Certificate No.:*
66293	L25-4 -2

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

STC Labs
1820 Griffin Parkway, Suite J.
Mission, Texas, USA. Zip Code 78572
Contact: Fernando Casiano Flores Phone: 956-688-8204

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

Dimensional

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED
Thread Plug Gage [FO] (Pitch Diameter)	0 - 80 to 4 -12	150 µin (3.81 µm)	Measuring Wire Set	FED-STD-H28 Internal Procedure
Dial Indicator [FO]	0.05 in to 1 in (1.27 mm to 25.4 mm	(112 + 9L) µin ($2.84 + 9 \times 10^{-3}$L) mm	Gage Blocks	ASME B89.1.10M
Digital Indicator [FO]	0.05 in to 1 in (1.27 mm to 2.54 mm)	380 µin (9.7 µm)		
Adjustable Thread Ring Gage [F] (Pitch Diameter)	0-80 to 4-12	210 µin (4.2 µm)	Super Micrometer Trimos-Sylvac 80	ANSI/ASME B1.16M ANSI/ASME B1.2
Adjustable Thread Ring Gage [F] (Minor Diameter)	4 in Maximum (100 mm Maximum)	64 µin (1.6 µm)		
Micrometer [FO] (Inside, Outside, Depth)	0.05 in to 42 in (1.27 mm to 1 066.8 mm)	(385 + 10L) µin [(9.78 +10 x 10^{-3}L) mm]	Gage Blocks	ASME B89.1.13
Cylindrical Diameter Inside [F] (Plain Ring Gage)	4 in Maximum (100 mm Maximum)	30 µin (0.77 µm)	Super Micrometer Trimos-Sylvac 80	ASME B89.1.6 ASME B89.1.5
Cylindrical Diameter Outside [F] (Pin Gages, Plain Plug Gage, Cylindrical Gages)	4 in Maximum (100 mm Maximum)	37 µin (0.94 µm)		
Calipers [FO]	0.05 in to 42 in (1.27 mm to 1 066.8 mm)	(483 + 14L) µin ($12.27 + 14 \times 10^{-3}$L) mm	Gage Blocks	ISO 6906 ISO 3599 JIS B 7507

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.

Certificate of Accreditation: Supplement

ISO/IEC 17025:2005

Site: STC Labs

1820 Griffin Parkway, Ste J.
Mission, Texas, USA 78572
Contact: Fernando Casiano Flores Phone: 956-688-8204

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

3. The presence of a superscript F means that the laboratory performs calibration of the indicated parameter at its fixed location.
4. The presence of a superscript O means that the laboratory performs calibration of the indicated parameter onsite at customer locations.
5. 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
6. The term L represents length in inches or millimeters as appropriate to the uncertainty statement.
7. This location is linked to South Texas Calibration Labs / Fernando Damian Casiano Flores, Morelos #130, Colonia Centro, Ciudad Gustavo Díaz Ordaz, Tamaulipas, México. C.P. 88400 due to a share quality management system