PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Clark CMM Inspection Services de Mexico

N° 4060 Colonia Nazario S. Ortiz Garza, Saltillo, Coahuila 25100, Mexicco

(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 Inspection
(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 28, 2019	December 29, 2023	December 31, 2025

Accreditation No.:	*Certificate No.:*
105171	L23-944

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

Clark CMM Inspection Services de Mexico

N° 4060 Colonia Nazario S. Ortiz Garza, Saltillo, Coahuila 25100, Mexicco
Contact Name: Victor Ozuna Phone: 844-490-5612 ext. 1012

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

Dimensional

MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE OR NOMINAL DEVICE SIZE AS APPROPRIATE	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED
3-D Dimensional CMM [F]	X = Up to 2 850 mm	13 µm	B&S H3000 Horizontal Arm CMM Customer Drawing PC CMIS S/W
	Y = Up to 1 200 mm	9.4 µm	
	Z = Up to 1 000 mm	8.4 µm	
	Volumetric	40 µm	
	X = Up to 1 200 mm	10 µm	Hexagon 7525-4 Articulated Arm Coordinate Measuring Machine Customer Drawing PC DMIS S/W
	Y = Up to 1 200 mm	7.6 µm	
	Z = Up to 600 mm	8.1µm	
	Volumetric	28 µm	
	X = Up to 1 200 mm	3.5 µm	B&S 12.20.10 Bridge Type CMM Customer Drawing PC DMIS S/W
	Y = Up to 2 000 mm	3.9 µm	
	Z = Up to 1 000 mm	5.4 µm	
	Volumetric	16 µm	

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 F means that the laboratory performs calibration of the indicated parameter at its fixed location.