PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

A&C Metrology Services, S. de R.L. de C.V.

Privada Galileo Galilei # 1618, Col. Satélite Magisterial
Puebla, Puebla, México C.P. 72320

(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 and Mechanical Testing

(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/Operations Manager

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
September 22, 2011	January 24, 2020	February 28, 2022

Accreditation No.:	*Certificate No.:*
69307	L20-63

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

A&C Metrology Services, S. de R.L. de C.V

Privada Galileo Galilei, # 1618, Col. Satélite Magisterial
Puebla, Puebla, México. C.P. 72320
Contact Name: Carlos Alberto Cid Phone: 222-887-2807

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

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Dimensional Inspection[FO]	Fixtures, Finished or Unfinished Parts from Tools, Plastic Injection, Die Casting or Stamping Process	Geometrical and Dimensional Tolerances	ASME Y14.5	Portable Arm CMM with Scanner 2.5 mm x 2.5 mm x 2.5 mm
Dimensional Inspection[F]	Fixtures, Finished or Unfinished Parts from Tools, Plastic Injection, Die Casting or Stamping Process	Geometrical and Dimensional Tolerances	ASME Y14.5	CMM 700 mm x 1 500 mm x 600 mm Optical Comparator 300 mm x 200 mm
Dimensional Inspection[FO]	Fixtures, Finished or Unfinished Parts from Tools, Plastic Injection, Die Casting or Stamping Process	1 D Measurements	ASME Y14.5	Micrometer 0.0001 mm to 25.4 mm Caliper 0.01 mm to 600 mm
Dimensional Inspection[F]	Surface Roughness	Ra, Rz, Ry	ASME Y14.5	Roughness Tester
Mechanical[F]	Metals	HRC, HRBW, HRA, HR15N, HR30N HR45N, HR15TW HR30TW and HR45TW	ASTM E18 ISO 6508-1	20 HRC to 70 HRC 40 HRB to 100 HRB 20 HRA to 95 HRA 70 HR15N to 94 HR15N 42 HR30N to 80 HR30N 20 HR45 to 70 HR45 73 HR15TW to 93 HR15TW 43 HR30TW to 82 HR30TW
		HBW	ISO 6506-1	100 HBW to 650 HBW
		HV30, HV10, HV1	ISO 6507-1	100 HV to 1 000 HV
Mechanical[FO]	Plastic	Shore A and D	ASTM D2240	10 HA to 90 HA 10 HD to 90 HD
Mechanical[F]	Pieces of Different Materials	Force Compression and Tension	Universal Machine ASTM E-4	0.1 N to 200 kN

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer[F] would mean that the laboratory performs this testing at its fixed location.

2. The presence of a superscript FO means that the laboratory performs testing of the indicated parameter both at its fixed location and onsite at customer locations. Example: Outside Micrometer[FO] would mean that the laboratory performs this testing at its fixed location and onsite at customer locations.