



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

### ***HSM Sistemas de Metrología, S. de R.L. de C.V.***

***Blvd. Bernardo Quintana Arrijoja # 630, Local 21, Planta Alta, Col. Desarrollo San Pablo  
Querétaro, Querétaro, México. C.P. 76125***

*(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 Testing and 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

*Initial Accreditation Date:*

January 14, 2019

*Issue Date:*

April 03, 2021

*Expiration Date:*

May 31, 2023

*Accreditation No.:*

102290

*Certificate No.:*

L21-221

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 PJLA website: [www.pjlab.com](http://www.pjlab.com)*



# Certificate of Accreditation: Supplement

## HSM Sistemas de Metrología, S. de R.L. de C.V.

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Querétaro, Querétaro, México. CP. 76125

Contact Name: Francisco Hernandez Phone: 442-195-9668

*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
Mechanical <sup>F</sup>	Metal Automotive Aerospace Components	Force	ASTM E8/E8M ASTM E9 Direct Comparison, Universal Test Machine	1 kgf to 500 kgf Detection 0.1 kgf
Dimensional Inspection <sup>FO</sup>	Dimensional Artifacts 3 axis Volumetric and Linear Displacement	Measurement of Parts Geometrically Dimensioning and Tolerance	ASME Y 14.5 Direct comparison Portable CMM Zcat	Zcat X = 700 mm Y = 700 mm Z = 250 mm Detection 1 µm
	Metal Part	Roughness Measure	Roughness Meter ISO1997	(Ra) 2.91 µm (Ry) 9.26 µm

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> 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<sup>FO</sup> would mean that the laboratory performs this testing at its fixed location and onsite at customer locations.