



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Calimet, S.A. de C.V.

***ATA Microparque Industrial PYME, Nave 72A Carretera Estatal 500 Chichimequillas km 30 + 419
Ejido Tierra Blanca, El Marqués, Querétaro, México. C. P. 76256***

*(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 and Chemical 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

Initial Accreditation Date:

November 22, 2022

Issue Date:

December 15, 2023

Expiration Date:

December 31, 2025

Accreditation No.:

53226

Certificate No.:

L23-904 -2

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.pjlabs.com*



Certificate of Accreditation: Supplement

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ATTA Microparque Industrial PYME, Nave 72A Carretera Estatal 500
 Chichimequillas km 30 + 419, Ejido Tierra Blanca
 El Marqués, Querétaro, México. C.P. 76256
 Contact Name: Luzema Elizabeth González Phone: 818-353-1745

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 ^F	Metallic Materials	Tension Testing (Tensile strength, Yield strength, % RA, % El, n-Value, r-Value)	ASTM E-8 ASTM A-370 ASTM E-646 (n-Value) ASTM E-517 (r-Value)	100 kgf to 25 000 kgf
				n-value: 0.08 to 0.3 %
				r-value: 0.5 to 3 %
		Rockwell Hardness	ASTM E-18	20 HRC to 70 HRC
				40 HRBW to 100 HRBW
				74 HR15T to 93 HR15T
				37 HR30T to 83 HR30T
Chemical ^F	Carbon Steel and Low Alloy Steel	Determination of Elements by Optical Emission Spectrometry	ASTM-E415	Range C 0.02 % to 1.1 % DL: C 0.000 7 %
				Range Si 0.02 % to 1.54 % DL: Si 0.001 %
				Range Mn 0.03 % to 2 % DL: Mn 0.000 4 %
				Range P 0.006 % to 0.085 % DL: P 0.000 4 %
				Range S 0.001 % to 0.055 % DL: S 0.000 3 %
				Range Cr 0.007 to 8.14 % DL: Cr 0.000 4 %
				Range Mo 0.007 % to 1.3 % DL: Mo 0.000 8 %
				Range Ni 0.006 % to 5 % DL: Ni 0.000 4 %
				Range Cu 0.006 % to 0.5 % DL: Cu 0.000 2 %
				Range Al 0.006 % to 0.093 % DL: Al 0.000 2 %
				Range B 0.0004 % to 0.007 % DL: B 0.000 1 %
				Range Ca 0.002 % to 0.003 % DL: Ca 0.000 1 %
				Range Co 0.006 % to 0.2 % DL: Co 0.000 4 %
				Range Nb 0.003 % to 0.12 % DL: Nb 0.000 4 %



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Chemical ^F	Carbon Steel and Low Alloy Steel	Determination of Elements by Optical Emission Spectrometry	ASTM-E415	Range Pb 0.002 % to 0.2 % DL: Pb 0.001 %
				Range Sb 0.006 % to 0.027 % DL: Sb 0.002 5 %
				Range Sn 0.005 % to 0.061 % DL: Sn 0.000 3 %
				Range Ti 0.001 % to 0.2 % DL: Ti 0.000 2 %
				Range V 0.003 % to 0.3 % DL: V 0.000 4 %
				Range Zr 0.01 % to 0.05 % DL: Zr 0.000 5 %
				Range As 0.003 % to 0.1 % DL: As 0.000 5 %
				Range C 0.005 % to 0.25 % DL: C 0.001 %
				Range Si 0.01 % to 0.9 % DL: Si 0.004 %
				Range Mn 0.01 % to 2 % DL: Mn 0.000 5 %
				Range P 0.003 % to 0.15 % DL: P 0.000 5 %
				Range S 0.003 % to 0.065 % DL: S 0.000 3 %
				Range 17 % to 23 % DL: Cr 0.000 5 %
				Range Mo 0.01 % to 3 % DL: Mo 0.000 5 %
Range Ni 7.5 % to 13 % DL: Ni 0.000 5 %				
Range Cu 0.01 % to 0.3 % DL: Cu 0.000 3 %				
Range Al 0.000 3% to 5.5 % DL: Al 0.000 3 %				
Range B 0.000 2 % to 2.20 % DL: B 0.000 1 %				
Range Ca 0.000 1% to 0.005 % DL: Ca 0.000 1 %				
Range Co 0.000 5 % to 19 % DL: Co 0.000 1 %				



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Chemical ^F	Stainless Steel	Determination of Elements by Optical Emission Spectrometry	ASTM-E1086	Range Nb 0.000 5 % to 2.8 % DL: Nb 0.000 5 %
	Cast Iron			ASTM-E1999
Range Sn 0.000 5 % to 0.13 % DL: Sn 0.000 5 %				
Range Ti 0.000 2 % to 2.5 % DL: Ti 0.000 2 %				
Range V 0.000 8 % to 0.9 % DL: V 0.000 5 %				
Range W 0.005 % to 4.5 % DL: W 0.005 %				
Range Zr 0.000 5 % to 0.2 % DL: Zr 0.000 5 %				
Range C 1.9 % to 3.8 % DL: C 1.7 %				
Range Si 0.15 % to 2.5 % DL: Si 0.001 %				
Range Mn 0.03 % to 1.8 % DL: Mn 0.000 3 %				
Range P 0.005 % to 0.4 % DL: P 0.000 4 %				
Range S 0.01 % to 0.08 % DL: S 0.000 3 %				
Range Cr 0.025 % to 2 % DL: Cr 0.000 4 %				
Range Mo 0.01 % to 1.2 % DL: Mo 0.000 8 %				
Range Ni 0.02 % to 2. % DL: Ni 0.000 5 %				
Range Cu 0.015 % to 0.75 % DL: Cu 0.000 2 %				
Range Al 0.000 2 % to 0.12 % DL: Al 0.000 2 %				
Range 0.000 2 % to 0.09 % DL: B 0.000 2 %				
Range Co 0.000 5 % to 0.26 % DL: Co 0.000 5 %				
Range Mg 0.000 4% to 0.20 % DL: Mg 0.000 3 %				



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Chemical ^F	Cast Iron	Determination of Elements by Optical Emission Spectrometry	ASTM-E1999	Range Nb 0.000 5% to 0.12 % DL: Nb 0.000 5 %	
				Range Pb 0.002 % to 0.04 % DL: Pb 0.001 %	
	Range Sb 0.002 5 % to 0.22 % DL: Sb 0.002 %				
	Range Ti 0.003 % to 0.12 % DL: Ti 0.000 2 %				
	Range V 0.008 % to 0.22 % DL: V 0.000 5 %				
	Range W 0.005 % to 0.20 % DL: W 0.005 %				
	Range Zn 0.000 4 % to 0.03 % DL: Zn 0.000 4 %				
	Range Zr 0.000 4 % to 0.07 % DL: Zr 0.000 4 %				
	Range Se 0.000 5 % to 0.06 % DL: Se 0.000 5 %				
	Range As 0.000 4 % to 0.09 % DL: As 0.000 4 %				
	Range Bi 0.002 5 % to 0.02 % DL: Bi 0.002 %				
	Range Ce 0.002 % to 0.25 % DL: Ce 0.002 5 %				
	Aluminum and Aluminum Alloys			ASTM-E1251	Range Si 0.07 % to 16 % DL: Si 0.000 2 %
					Range Fe 0.2 % to 0.5 % DL: Fe 0.000 6 %
					Range Cu 0.001 % to 5.5 % DL: Cu 0.000 2 %
			Range Mn 0.001 % to 1.2 % DL: Mn 0.000 1 %		
			Range Mg 0.03 % to 5.4 % DL: Mg 0.000 0 5 %		
			Range Cr 0.001 % to 0.23 % DL: Cr 0.000 2 %		
			Range Ni 0.005 % to 2.6 % DL: Ni 0.000 2 %		



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Chemical ^F	Aluminum and Aluminum Alloys	Determination of Elements by Optical Emission Spectrometry	ASTM-E1251	Range Zn 0.002 % to 5.7 % DL: Zn 0.000 3 %
				Range Ti 0.001 % to 0.12 % DL: Ti 0.000 1 %
				Range B 0.000 6 % to 0.009 % DL: B 0.000 1 %
				Range Be 0.000 4 % to 0.24 % DL: Be 0.000 01 %
				Range Ca 0.000 2 % to 0.08 % DL: Ca 0.000 05 %
				Range Co 0.4 % to 0.65 % DL: Co 0.000 2 %
				Range Na 0.003 % to 0.02 % DL: Na 0.000 1 %
				Range Pb 0.04 % to 0.6 % DL: Pb 0.000 8 %
				Range Sn 0.000 4 % to 1.3 % DL: Sn 0.000 4 %
				Range Sr 0.03 % to 0.15 DL: Sr 0.000 1 %
				Range V 0.002 % to 0.022 % DL: V 0.000 3 %
				Range Zr 0.001 % to 0.12 % DL: Zr 0.000 2 %
				Range P 0.003 % to 0.018 % DL: P 0.000 8 %
				Range Sb 0.001 % to 0.003 % DL: Sb 0.007 %
				Range Cd 0.000 1 % to 0.35 % DL: Cd 0.000 1 %
				Range Bi 0.03 % to 0.6 % DL: Bi 0.001 %
				Steel, Iron, Nickel
Range S 0.002 % to 0.35 % DL: S 0.000 4 %				

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. This location is linked to Ave. Las Puentes No.1002 A, Col. Las Puentes 4to Sector, San Nicolás de los Garza, Nuevo León, México. C.P. 66460, due to a share quality management system.