



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

METALINSPEC LABORATORIOS, S.A. DE C.V.
Acceso C No. 107, Parque Industrial Jurica 76100
Queretaro, Mexico
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MECHANICAL

Valid To: February 28, 2027

Certificate Number: 2728.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to the laboratory to perform the following tests on metals:

Test Description:

Test Method:

Tensile Testing – Tension, Yield, Modulus, ROA and Elongation

ASTM E8/E8M, A370

n-Value

ASTM E646

r-Value

ASTM E517

Hardness:

Rockwell –A B, C, 15T, 30T, 45T, 15N, 30N, 45N

ASTM E18

Brinell – 3000 kgf

ASTM E10

Vickers (100, 200, 300, 500,) gf

ASTM E384

Vickers (5, 10, 30) Kgf

ASTM E92

Impact – Charpy Method

ASTM E23

Guided Bend Test for Ductility of Welds

ASTM E190

Metallographic Evaluation:

Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels (Methods A, B, & E)

ASTM A262

Detecting Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels

ASTM A923 Practice A

Metallographic Specimen Preparation

ASTM E3

Test Description:

Test Method:

Metallographic Evaluation (cont.):

Determining Average Grain Size (Comparison Method)	ASTM E112 All methods
Determining the Inclusion Content of Steel	ASTM E45 Methods A and D
Macroetching Metals and Alloys	ASTM E340
Macroetch Testing Steel Bars, Billets, Blooms, and Forgings	ASTM E381
Determining Volume Fraction by Systematic Manual Point Count	ASTM E562
Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution (Method A)	ASTM G48
Salt Spray (fog) Test (including testing of Chemical Conversion Coatings on Al and Al alloys conforming to MIL-DTL-5541)	ASTM B117 UNE ISO 9227

CHEMICAL

Spark Atomic Emission Spectroscopy	
Al Base	ASTM E1251
(Si, Fe, Cu, Mn, Mg, Cr, Ni, Zn, Ti, Ag, B, Be, Bi, Ca, Cd, Co, Ga, In, Na, P, Pb, Sn, Sr, Tl, V, Zr, Al)	
C and low alloy steels	ASTM E415
(C, Si, Mn, P, S, Cr, Mo, Ni, Al, Co, Cu, Nb, Ti, V, W, Pb, Sn, Zr, Bi, Sb, Ta, B, Zn, Ag, N, As, Ca, Te, Fe)	
Austenitic SS	ASTM 1086
(C, Si, Mn, P, S, Cr, Mo, Ni, Al, Co, Cu, Nb, Ti, V, W, Pb, Sn, Sb, Ta, B, N, Fe)	
Cast Irons	ASTM E1999
(C, Si, Mn, P, S, Cr, Mo, Ni, Al, Co, Cu, Nb, Ti, V, W, Pb, Sn, Mg, Zr, Bi, Sb, B, Zn, N, Fe)	
Ni Base	ASTM E3047
(C, Si, Mn, P, S, Cr, Fe, Mo, V, Cu, W, Co, Nb, Al, Ti, Zr, Sn, Zn, Ta, B, Ni)	



Accredited Laboratory

A2LA has accredited

METALINSPEC LABORATORIOS, S.A. DE C.V.

Queretaro, MEXICO

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 18th day of March 2025.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2728.03
Valid to February 28, 2027

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.