



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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

Valid To: February 28, 2021

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, A370

Hardness:

Rockwell – B, C, 15T, 30T, 45T, 15N, 30N, 45N
Brinell – 3000 kgf

ASTM E18, A370
ASTM E10, A370

Impact – Charpy Method

ASTM E23, A370

Knoop (200 to 500, 5 Kg) gf

ASTM E384

Vickers (100, 200, 300, 500, 5 Kg, 10 Kg) gf

ASTM E384

OES Spectroscopy

ASTM E415, E1086

(C, Si, Mn, P, S, Cr, Mo, Ni, Al, Co, Cu, Nb, Ti, V,
W, Pb, Sn, B, Fe)

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

Preparation

ASTM E3

Determining Average Grain Size (Comparison Method)

ASTM E112

Determining the Inclusion Content of Steel

ASTM E45

Test Description:

Test Method:

Metallographic Evaluation (cont):

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



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 25th day of June 2019.

A blue ink signature of the Vice President, Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2728.03
Valid to February 28, 2021

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