



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ACCURATE WELDMENT TESTING
 1012 Granada Drive
 New Iberia, LA 70560
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MECHANICAL

Valid To: January 31, 2019

Certificate Number: 3398.01

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

Test:

Test Method(s):

Mechanical Testing

Ductility / Bend

ASTM A370; ASME Section IX;
 AWS D1.1/D1.1M, D1.2/D1.2M,
 D1.5/D1.5M, D1.6/D1.6M; ABS Rules;
 API 1104, 5L; BS EN ISO 5173;
 CSA W47.1; DVN Rules

Fillet Weld Break Test

ASME Section IX; AWS D1.1; API 1104;
 AWS D1.2/D1.2M, AWS D1.5/D1.5M,
 AWS D1.6/D1.6M

Hardness, Rockwell (Scales B and C)

ASTM E18

Hardness, Vickers (Scale HV10)

ASTM E92; BS EN ISO 9015-1

Impact, Charpy V-Notch (-321 to +212 °F)

ASTM A370, E23; BS EN ISO 9016

Nick – Break Testing

API 1104

Metallography (Micro)

Preparation
 Volume Fraction

ASTM E3
 ASTM E562

Macro Preparation and Examination

ASTM E340; ASME Section IX;
 AWS D1.1/D1.1M; API 1104;
 BS EN ISO 17639; AWS D1.2/D1.2M,
 AWS D1.5/D1.5M, AWS D1.6/D1.6M

Tension (120K pounds max. load)

ASTM A370, A770/A770M, E8/E8M;
ABS Rules; ASME Section IX;
API 1104, 5CT, 5L; AWS D1.1/D1.1M,
D1.2/D1.2M, D1.5/D1.5M, D1.6/D1.6M;
BS EN ISO 6892-1, 5178, 4136;
CSA W47.1; DNV Rules

Visual Inspection

AWS D1.1/D1.1M, D1.2/D1.2M,
D1.5/D1.5M, D1.6/D1.6M;
API 1104; CSA W47.1;
ASME Section VIII, IX, B31.1, B31.3;
BS EN ISO 17637

Welder and Welding Procedure Qualification Testing

Using the methods listed on this scope in
accordance with:
ASME Section IX; API 1104;
ABS Rules for Welding Part 2;
AWS D1.1/D1.1M, D1.2/D1.2M,
D1.5/D1.5M, D1.6/D1.6M;
BS EN ISO 15614-1, 15614-2

Chemical Testing

Optical Emission Spectroscopy (OES)

Fe-Base: Al, B, C, Ca, Co, Cr, Cu, Mn, Mo,
Nb, Ni, P, Pb, S, Si, Sn, Ti, V, W

Ni-Base: Al, B, C, Co, Cr, Cu, Fe, Mg, Mn, Mo,
Nb, P, Pb, S, Si, Sn, Ta, Ti, V, W, Ta, Zr

ASTM E415, E1086

Corrosion Testing:

Pitting Resistance

ASTM G48 (Method A)

Nondestructive Testing

Liquid Penetrant Testing

ASTM E165/E165M





Accredited Laboratory

A2LA has accredited

ACCURATE WELDMENT TESTING

New Iberia, LA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009).



Presented this 29th day of November 2016.

A handwritten signature in black ink, appearing to read "L. Sen", written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3398.01
Valid to January 31, 2019

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