



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ACCURATE WELDMENT TESTING  
1012 Granada Drive  
New Iberia, LA 70560  
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[www.accweldtest.com](http://www.accweldtest.com)

MECHANICAL

Valid To: April 30, 2021

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; DNV Rules

Fillet Weld Break Test

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

Hardness, Rockwell (Scales HRBW and HRC)

ASTM E18

Hardness, Vickers  
(Scales HV0.2, HV1, HV5 and HV10)

ASTM E92; ASTM E384;  
BS EN ISO 9015-1

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

ASTM A370, A923 (Method B), E23;  
BS EN ISO 9016; ISO 148-1

Nick – Break Testing

API 1104

Metallography (Micro)

Preparation

Volume Fraction

Intermetallic Phase Detection

ASTM E3

ASTM E562

ASTM A923 (Method A)

**Test:**

Macro Preparation and Examination

Tension (220K pounds max. load)

Visual Inspection

Welder and Welding Procedure Qualification Testing

**Test Method(s):**

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

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

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

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, Ti, V, W, Zr

ASTM E415, E1086, E3047

Corrosion Testing:  
Pitting Resistance

ASTM G48 (Method A, C and D)

Intermetallic Phase Detection

ASTM A923 (Method C)

**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 17025:2017 *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 30<sup>th</sup> day of January 2019.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3398.01  
Valid to April 30, 2021  
Revised on January 20, 2021

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