



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ACCURATE WELDMENT TESTING

1012 Granada Drive  
New Iberia, LA 70560  
Wesley Alsman Phone: 337 365 6312  
[www.acweldtest.com](http://www.acweldtest.com)

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; DNV 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 (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

Nick – Break Testing

API 1104

Metallography (Micro)

Preparation

Volume Fraction

Intermetallic Phase Detection

ASTM E3

ASTM E562

ASTM A923 (Method A)

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

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Tension (220K 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) ASTM E415, E1086  
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

#### Corrosion Testing:

Pitting Resistance ASTM G48 (Method A)

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 17025:2005 *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 29<sup>th</sup> day of November 2016.

A handwritten signature in black ink, 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.*