



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

WELDER TRAINING & TESTING INSTITUTE

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NON-DESTRUCTIVE TESTING

Valid To: March 31, 2019

Certificate Number: 3430.02

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

<u>Test:</u>	<u>Test Method(s):</u>
Visual Inspection (VT) ¹	ASME V, VIII, IX, B31.1, B31.3; API 650, 1104; AWS B2.1/B2.1M, D1.1/D1.1M, D1.2/D1.2M, D1.4/D1.4M, AASHTO/AWS D1.5/D1.5M, D1.6/D1.6M, D1.9/D1.9M, D14.1/D14.1M, D17.1/D17.1M; ISO 15614-1; MIL-STD 2035; T9074-AS-GIB 010/271; WTTI VT-1
Liquid Penetrant Inspection (PT) ¹ (water washable, fluorescent and visible, solvent removable, fluorescent and visible, post emulsified, fluorescent and visible)	ASTM E165/E165M, E1210, E1220, E1417/E1417M; API 650, 1104; ASME V, VIII, IX, B31.1, B31.3; AWS B2.1/B2.1M, D1.1/D1.1M, D1.2/D1.2M, D1.4/D1.4M, AASHTO/AWS D1.5/D1.5M, D1.6/D1.6M, D1.9/D1.9M, D14.1/D14.1M, D17.1/D17.1M; ISO 15614-1; T9074-AS-GIB 010/271; MIL-STD 2035
Magnetic Particle Inspection (MT) ¹ (wet bench, fluorescent and visible, yoke (AC and DC) wet fluorescent and dry visible, prods, dry visible)	ASTM A275 ² , E709 ² , E1444/E1444M ² ; API 650, 1104; ASME V, VIII, IX, B31.1, B31.3; AWS B2.1/B2.1M, D1.1/D1.1M, D1.4/D1.4M, AASHTO/AWS D1.5/D1.5M, D14.1/D14.1M, D17.1/D17.1M; ISO 15614-1; MIL-STD 2035; NAVSEA T9074-AS-GIB-010/271
Ultrasonic Inspection (UT) ¹ (contact straight and angle beam, phased array, thickness gaging)	ASTM A388/A388M, A435/A435M, A609/A609M, A898/A898M, E164, E317, E797/E797M, E2700; API 650, 1104; ASME III, V, VIII, IX, B31.1, B31.3; AWS B2.1/B2.1M, D1.1/D1.1M, D1.2/D1.2M, D1.4/D1.4M, AASHTO/AWS D1.5/D1.5M, D1.6/D1.6M, D1.9/D1.9M, D14.1/D14.1M, D17.1/D17.1M; MIL-STD 2035A; ISO 15614-1; MIL-STD 2035; NAVSEA T9074-AS-GIB-010/271

<u>Test:</u>	<u>Test Method(s):</u>
Radiographic Inspection (RT) (digital and film, X ray source)	ASTM E94, E747, E1032, E1742; API 1104; ISO 1435; ASME III, V, VIII, IX, B31.1, B31.3; AWS B2.1/B2.1M, D1.1/D1.1M, D1.2/D1.2M, D1.4/D1.4M, AASHTO/AWS D1.5/D1.5M, D1.6/D1.6M, D1.9/D1.9M, D14.1/D14.1M, D17.1/D17.1M; ISO15614-1; MIL-STD 2035; T9074-AS-GIB 010/271
Positive Material Identification	ASTM E572, E1476; API 578; Olympus Delta Professional Operations Manual
Ferrite Testing	ASTM A799, A800; Fischer Feritscope MP30E-S Operations Manual
Portable Hardness Testing	ASTM A370E, A956, E110, E140; Phase II, PHT-1800 Leeb Hardness Tester Operations Manual

¹ This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.

² This facility only uses single use magnetic particle solutions.





Accredited Laboratory

A2LA has accredited

WELDER TRAINING & TESTING INSTITUTE

Allentown, PA

for technical competence in the field of

Nondestructive 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 20th day of March 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3430.02
Valid to March 31, 2019

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