



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) <sup>1</sup>  | 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) <sup>1</sup><br>(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) <sup>1</sup><br>(wet bench, fluorescent and visible, yoke (AC and DC) wet fluorescent and dry visible, prods, dry visible)                     | ASTM A275 <sup>2</sup> , E709 <sup>2</sup> , E1444/E1444M <sup>2</sup> ; 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) <sup>1</sup><br>(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)<br>(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;<br>Olympus Delta Professional Operations Manual   |
| Ferrite Testing  | ASTM A799, A800;<br>Fischer Feritscope MP30E-S Operations Manual   |
| Portable Hardness Testing  | ASTM A370E, A956, E110, E140;<br>Phase II, PHT-1800 Leeb Hardness Tester Operations Manual   |

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

<sup>2</sup> 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 20<sup>th</sup> 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.*