



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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NONDESTRUCTIVE

Valid To: November 30, 2020

Certificate Number: 0880.05

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive parts, aircraft parts, metals and alloys, defense contract parts, fabrications, pressure vessels, valves, and fittings under the ASTM recommended practice E543 Standard Specification for Agencies Performing Nondestructive Testing:

<u>Test:</u>	<u>Test Method(s):</u>
Liquid Penetrant (Water Washable Fluorescent, Post Emulsifiable Fluorescent, Solvent Removable Visible)	AMS: 2175 ¹ , 2645H ¹ ; API: 510 ¹ , 570 ¹ , 653 ¹ ; ASME Section V, Article 6 ¹ ; ASME: B31.1 ¹ , B31.3 ¹ ; ASTM: E165/E165 ¹ , E1209 ¹ , E1219 ¹ , E1220 ¹ , E1417/E1417M ¹ , E1418 ¹ ; AWS: D1.1/D1.1M ¹ , D1.2/D1.2M ¹ , D1.3/D1.3M ¹ , D1.5/D1.5M ¹ , D1.6/D1.6M ¹ ; AWWA D-100 ¹ ; EN 571-1 ¹ ; NAVSEA T9074-AS-G1B-010/271 ¹ ; SAE J426 ¹
Magnetic Particle (Wet Bench Fluorescent, Wet and Dry Visible and Fluorescent Yoke)	AMS: 2175 ¹ , 2640K ¹ ; API: 510 ¹ , 570 ¹ , 653 ¹ ; ASTM: A275/A275M ¹ , A456/A456M ¹ , E709 ¹ , E1444/E1444M ¹ ; ASME Section V, Article 7 ¹ ; ASME: B31.1 ¹ , B31.3 ¹ ; AWS: D1.1/D1.1M ¹ , D1.3/D1.3M ¹ , D1.5/D1.5M ¹ ; AWWA D-100 ¹ ; EN 1290 ¹ (Withdrawn 2002); MIL-STD-1949 ¹ (Withdrawn 1993); MSS SP-53 ¹ ; NAVSEA T9074-AS-G1B-010/271 ¹ ; SAE AMS 264 ¹ ; SAE J420 ¹

Test:**Test Method(s):**

Radiography
(Gamma, Film, and X-ray)

AMS 2175¹;
API: 510¹, 570¹, 653¹;
ASME Section V, Article 2¹;
ASME: B31.1¹, B31.3¹;
ASTM: E94/E94M¹, E1030/E1030M¹, E1032¹, E1742/E1742M¹;
AWS: D1.1/D1.1M¹, D1.5/D1.5M¹, D1.6/D1.6M¹;
AWWA D-100¹;
EN: 444¹ (Withdrawn 1994), 473¹ (Withdrawn 2008),
1435¹ (Withdrawn 2002);
ISO 9712¹;
MSS SP-54¹

Radioscopy
(Gamma, Digital, and X-ray)

ASTM E1255, E1416, E1734

Ultrasonic
(Straight and Angle Beam
Contact)

API: 510¹, 570¹, 653¹;
ASME Section V, Article 4 & 5¹;
ASME: B31.1¹, B31.3¹;
ASTM: A388/A388M¹, A435/A435M¹, A588/A588M¹, A609/A609M¹,
E114¹, E164¹, E213¹, E273, E587¹, E588, E797/E797M¹;
AWS: D1.1/D1.1M¹, D1.2/D1.2M¹, D1.3/D1.3M¹, D1.5/D1.5M¹,
D1.6/D1.6M¹;
AWWA D-100¹;
EN: 583-1, 1714, 17640;
MIL-STD-2154 (Withdrawn 2009);
NAVSEA T9074-AS-G1B-010/271¹

Weld Operator Qualification

Using bend tests and the methods on this scope in accordance with:
API 1104;
ASME Section IX;
AWS: D1.1/D1.1M¹, D1.2/D1.2M¹, D1.3/D1.3M¹, D1.5/D1.5M¹,
D1.6/D1.6M¹

Weld Inspection

API: 510¹, 570¹, 653¹;
ASME: B31.1¹, B31.3¹;
AWS: D1.1/D1.1M¹, D1.2/D1.2M¹, D1.3/D1.3M¹, D1.5/D1.5M¹,
D1.6/D1.6M¹;
AWWA D-100¹

Positive Material
Identification

ASTM E1476¹, E572¹, E322¹

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

NOTE: This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.





Accredited Laboratory

A2LA has accredited

TUV RHEINLAND INDUSTRIAL SOLUTIONS, INC.

Woodstock, AL

for technical competence in the field of

Nondestructive 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 26th day of February 2019.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0880.05
Valid to November 30, 2020

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