



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ELEMENT CHARLOTTE
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NONDESTRUCTIVE

Valid To: December 31, 2018

Certificate Number: 2335.03

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

<u>Test</u>	<u>Test Method(s)</u>
Liquid Penetrant ² Visible and Fluorescent	ASME Sec. V, Art. 6 ASTM E165, E1417 AWS D1.1 MIL STD 271F (1998) ¹ , 6866 (1996) ¹ NAVSEA T9074-AS-GIB-010/271
Magnetic Particle ² Visible and Fluorescent Wet and Dry Wet Bench and Yoke	AMS 2300, 2301, 2303 ASME Sec. V Subsection A, Art. 7 ASTM A275, E709, E1444 AWS D1.1 MIL-I-6868 (1998) ¹ MIL STD 271F(1998) ¹ , 1949 Rev. A(1993) ¹ NAVSEA T9074-AS-GIB-010/271
Radiography X-ray Film	ASME Sec. V, Art. 2 ASTM E94, E1742 AWS D1.1 MIL STD 271F (1998) ¹ , 453 Rev. C (1996) ¹ NAVSEA T9074-AS-GIB-010/271
Ultrasonic ² Contact Angle and Longitudinal Beam	ASTM A388, A435, A577, A578, E164 AWS D1.1 MIL STD 271F (1998) ¹ NAVSEA T9074-AS-GIB-010/271
Visual (Direct Inspection) ²	ASME Sec. V, Art. 9 AWS D1.1

¹This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

² This laboratory meets A2LA R104 – General Requirements: Accreditation of Field Testing and Field Calibration Laboratories for these tests.

(A2LA Cert. No. 2335.03) 11/14/2016

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Accredited Laboratory

A2LA has accredited

ELEMENT CHARLOTTE

Charlotte, NC

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 14th day of November 2016.

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

President and CEO
For the Accreditation Council
Certificate Number 2335.03
Valid to December 31, 2018

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