



The American Association for Laboratory Accreditation

World Class Accreditation

# Accredited Laboratory

A2LA has accredited

**TÜV RHEINLAND INDUSTRIAL SOLUTIONS, INC.**

*Caledonia, MI*

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 17th day of March 2009.



  
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President & CEO

For the Accreditation Council  
Certificate Number 0880.01  
Valid to November 30, 2010  
Revised January 5, 2010

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TUV RHEINLAND INDUSTRIAL SOLUTIONS, INC.  
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Caledonia, MI 49316  
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NONDESTRUCTIVE

Valid To: November 30, 2010

Certificate Number: 0880.01

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

<u>Test</u>	<u>Test Method(s)</u>
Hardness (Brinell)	ASTM E10
Liquid Penetrant	AMS: 2175 <sup>1</sup> , 2645 <sup>1</sup> ASME V, Article 6 <sup>1</sup> ASTM: E165 <sup>1</sup> , E1208 <sup>1</sup> , E1209 <sup>1</sup> , E1210 <sup>1</sup> , E1219 <sup>1</sup> , E1220 <sup>1</sup> , E1417 <sup>1</sup> , E1418 <sup>1</sup> MIL-STD-6866 <sup>1</sup> NAVSEA T9074-AS-G1B-010/271 SAE J426 <sup>1</sup>
Magnetic Particle	ASTM: A275/A275M <sup>1</sup> , A456/A456M <sup>1</sup> , E709 <sup>1</sup> , E1444 <sup>1</sup> AMS: 2175 <sup>1</sup> , 2640J SAE AMS 264 <sup>1</sup> ASME V, Article 7 <sup>1</sup> MIL-STD: 271 <sup>1</sup> , 1949 <sup>1</sup> , 6868 <sup>1</sup> MSS SP-53 <sup>1</sup> SAE J420 <sup>1</sup> NAVSEA T9074-AS-G1B-010/271 <sup>1</sup>
Radiography	AMS 2175 <sup>1</sup> ASME V, Article 2 <sup>1</sup> ASTM: E94 <sup>1</sup> , E1030 <sup>1</sup> , E1032 <sup>1</sup> , E1742 <sup>1</sup> MIL-STD: 453, 2175 MSS SP-54 <sup>1</sup>

<u>Test</u>	<u>Test Method(s)</u>
Radioscopy	ASTM: E1255, E1416, E1734
Ultrasonic	ASME V Article 4 & 5 <sup>1</sup> ASTM: A388/A388M <sup>1</sup> , A435/A435M <sup>1</sup> , A577/A577M <sup>1</sup> , A609/A609M <sup>1</sup> , E114 <sup>1</sup> , E164 <sup>1</sup> , E213 <sup>1</sup> , E214, E587 <sup>1</sup> , E797 <sup>1</sup> , E1001 NAVSEA T9074-AS-G1B-01/271 <sup>1</sup>
Weld Procedure and Operator Qualification	ASME Section IX AWS: D1.1, D1.2, D1.3, D1.5, D1.6

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