



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MAR-TEST, INC.¹
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 Cincinnati, OH 45215
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MECHANICAL

Valid To: April 30, 2012

Certificate Number: 1485.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metallic and nonmetallic materials, components and devices:

<u>Test</u>	<u>Test Methods</u>
Cyclic Testing ((-320 to 2300) °F in air, inert gas, saline)	
Low and High Cycle Fatigue (Axial, Torsional, Shear, Bending, Load, Strain, Displacement, Torque Control)	ASTM E466, E606, E647, F1717, F1798, F1800, F2077, F2118, F2193
Crack Growth, Rupture	
Load (10 to 35,000) lbs	ISO 7206, 14879
Stroke (0 to 6) in	
Waveform: Sine, Triangular, Trapezoidal, Square, Special	
Frequency: any to a maximum of 60 Hz	
Monotonic Testing ((-320 to 2300) °F in air, inert gas, saline)	
Tensile, Compressive, Shear Testing, Bending, Torsion, Creep, Creep Rupture, Stress Rupture	ASTM E8, E9, E21, E139, E292, E399, F1717, E1820, F1798, F2077, F2193, F2267

¹ This accreditation covers testing performed at the main laboratory listed above, and the following satellite laboratories listed below:

MAR-TEST, INC.
 12077 Mosteller Road
 Cincinnati, Ohio 45241

<u>Test</u>	<u>Test Methods</u>
Specimen Preparation:	
Conventional Machining, EDM Machining	ASTM E8, E466, E606
Low Stress Grinding, Inertia Welding	Customer Procedures ²

Peter Abney
 page 1 of 2

MAR-TEST, INC.
 7945 SW Jack James Drive
 Stuart, FL 34997

<u>Test</u>	<u>Test Methods</u>
Cyclic Testing (RT to 2300°F in Air, RT to 140°F in Saline) Low and High Cycle Fatigue (Axial, Shear, & Bending) Using Force, Strain (Axial or Diametral), or Displacement Control Force (10 to 100,000 lbs) Displacement (0 to 6 inches) Waveforms: Sine, Triangular, Square, Trapezoidal, Special Frequency: Maximum of 120 Hz	ASTM E466, E606, F1717, F1798, F1800, F2077, F2193, F2118; ISO 7206, 14879
Monotonic Testing (RT to 2000°F in Air, RT to 140°F in Saline) Tensile, Compressive, Shear Testing, Bending Using Force, Strain (Axial or Diametral), or Displacement Control	ASTM E8, E21, F1717, F1798, F2077, F2193, F2267; NASM 1312-8 Per Customer Specifications
Creep, Creep Rupture, Stress Rupture	ASTM E139, E292

RT = Room Temperature

²Using standard and customer-specified methods based on the parameters listed above.



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

MAR-TEST, INC.

Cincinnati, OH

for technical competence in the field of

Mechanical 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 24th day of February 2010.





President & CEO

For the Accreditation Council
Certificate Number 1485.01
Valid to April 30, 2012

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