



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

OMEGA RESEARCH INC.
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MECHANICAL

Valid To: January 31, 2025

Certificate Number: 1252.01

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

<u>Test</u>	<u>Test Methods</u>
Adhesion	ASTM B571 (Sections 3, 5, and 7)
Coating Weights	ASTM B137; MIL-A-8625; MIL-DTL-16232
Plating / Coating Thickness	ASTM B487
Heat Resistance	AMS-2403, AMS-2424
Hydrogen Embrittlement (Stress Durability)	ASTM F519
Metallography Metallographic Prep Notch Evaluation Intergranular Attack End Grain Pitting Microthickness	ASTM E3, F2111; MIL-DTL-13924; Omega Research Procedure 9.0
Microhardness (HV100, HK25, HK100, HK500)	ASTM B578, ASTM E384, ASTM E92, ASTM E140
Porosity	AMS-QQ-C-320A (Withdrawn July 2007); AMS-2460, AMS-2438; ASTM B733; AMS-P-81728; MIS-41177
Salt Spray Corrosion Testing	ASTM B117
Taber Abrasion	ASTM D4060; FED-STD-141c (Method 6192.1)
Impact	ASTM D2794
Solderability	ASTM B678; QQ-S-365 (Withdrawn February 2001)
Electrical Resistivity Testing	AMS-2477; MIL-C-81706 ¹ , MIL-DTL-5541, MIL-DTL-81706
Etch Inspection of High Strength Steel Parts	AMS 2649
Wet Tape Adhesion	ASTM D3359; FED-STD-141c (Method 6301.3); MIL-DTL-5541



Accredited Laboratory

A2LA has accredited

OMEGA RESEARCH INC.

Decatur, TX

for technical competence in the field of

Mechanical 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 29th day of November 2022.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1252.01
Valid to January 31, 2025
Revised May 20, 2024

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