



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

OMEGA RESEARCH INC.
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MECHANICAL

Valid To: January 31, 2027

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 plating and coating process control tests:

<u>Test</u>	<u>Test Method</u>
Adhesion	ASTM B571 (Sections 3, 5, and 7)
Coating Thickness (Microthickness)	ASTM B487
Coating Weight	ASTM B137; MIL-A-8625; MIL-PRF-8625; MIL-DTL-16232
Electrical Resistivity	AMS 2477; MIL-C-81706; MIL-DTL-5541; MIL-DTL-81706
Etch Inspection (Nital Etch)	AMS 2649
Heat Resistance	AMS 2403; AMS 2424
Hydrogen Embrittlement	ASTM F519
Impact	ASTM D2794; DMS 1786
Metallography:	
Metallographic Prep	ASTM E3
End Grain Pitting	ASTM F2111
Intergranular Attack	ASTM F2111
Notch Evaluation	Omega Research Procedure 9.0
Microhardness (HV100, HK25, HK100, HK500)	ASTM B578; ASTM E384; ASTM E92; ASTM E140
Porosity	AMS-QQ-C-320; AMS 2460; AMS 2438; ASTM B733; AMS-P-81728; MIS 41177
Salt Spray Corrosion	ASTM B117
Solderability	ASTM B678; QQ-S-365
Taber Abrasion	ASTM D4060; FED-STD-141 (Method 6192.1)
Wet Tape Adhesion	ASTM D3359; FED-STD-141 (Method 6301.3); MIL-DTL-5541; MIL-PRF-23377; ASTM D823 (Method D)



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 17th day of December 2024.

A blue ink signature of Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1252.01
Valid to January 31, 2027

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