



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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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; ARP 1820
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; ASTM B1023; 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 17<sup>th</sup> day of December 2024.

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, 2027

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