



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ADVANCED MATERIALS AND DEVICES, INC.
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MECHANICAL

Valid To: December 31, 2025

Certificate Number: 4287.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive components, aerospace components, electronic equipment, shock absorbers, dampers, life cycle evaluation of products, metals, plastics, rubber, and elastomers:

Test Technology/Parameter¹

Test Method(s):

Electronic/Shipboard Equipment/
Vibration Testing
Random: 5 Hz to 2500 Hz
Up to 50 GRMS

Sine: Up to 50 G's

MIL-STD-810H Test Methods 514.8, 528.1;
MIL-STD-167-1
ASTM D3580-95² Test Methods 10.4, 10.5, 10.10, 10.11;
ASTM D4169-16² Test Methods 12.2, 12.3, 12.4, 12.5, 13;
ASTM D4728-17² Section 10;
ASTM D5112-98² Test Methods 10.4, 10.5, 10.10, 10.11;
MIL-STD 202G Test Methods 201A, 214A;
GMW3172 Test Methods 9.3.1, 9.3.2;
SAE J1455 Test Method 4.10;
RTCA DO-160G Sections 8, 8.8.1;
IEC-60068-2 Part 2-6
ANSI C136.31

Mechanical Shock Testing
Up to 40 G's

MIL-STD-810H Test Method 516.8;
MIL-STD-202G Test Method 213B (Methods A, G, J, K);
GMW3172 Test Methods 9.3.3, 9.3.5;
SAE J1455 Test Method 4.11;
IEC-60068-2 Part 2-27

Temperature
-40°C to +400°C

MIL-STD-810H Test Method 502.7;
MIL-STD-810H Test Method 501.7;
SAE J1455 Test Method 4.1;
GMW3172 Test Methods 9.3.1, 9.3.2

¹ This laboratory also uses customer supplied specifications and/or methods directly related to the testing technologies and parameters listed above.

² This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



Accredited Laboratory

A2LA has accredited

ADVANCED MATERIALS AND DEVICES, INC.

Reno, NV

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 8th day of January 2024.

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

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4287.01
Valid to December 31, 2025

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