SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ADVANCED MATERIALS AND DEVICES, INC.
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MECHANICAL

Valid To: December 31, 2023 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/Parameter[1]	**Test Method(s):**
Electronic/Shipboard Equipment/:	MIL-STD-810G Test Methods 514.6, 528;
Vibration Testing	MIL-STD-167-1
Random: 5 Hz to 2500 Hz	ASTM D3580-95 Test Methods 10.4, 10.5, 10.10, 10.11;
Up to 50 GRMS	ASTM D4169-16 Test Methods 12.2, 12.3, 12.4, 12.5, 13;
	ASTM D4728-17 Section 10;
Sine: Up to 50 G's	ASTM D5112-98 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
Mechanical Shock Testing	MIL-STD-810G Test Method 516.6;
Up to 40 G's	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	MIL-STD-810G Test Method 502.5;
-100°C to +400°C	MIL-STD-810G Test Method 501.5;
	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.

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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*).

American Association for Laboratory Accreditation
CORPORATE SEAL 1978
DISTRICT OF COLUMBIA
A2LA

Presented this 25th day of January 2022.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4287.01
Valid to December 31, 2023

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