



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY DENVER - LONGMONT

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Longmont, CO 80503

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MECHANICAL

Valid To: July 31, 2024

Certificate Number: 2582.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on aircraft components, automotive components, marine components, coatings, packaging and containers, electronics, and consumer goods:

<u>Test:</u>	<u>Parameters:</u>	<u>Test Method(s) ¹:</u>
Mechanical Vibration ² :	(1 to 3,000) Hz	ASTM D4169;
Includes: Sine	3" Stroke	BellCore GR-63-CORE 5.4.2, 5.4.3;
Random	40,000 lbs Force	IEC 68-2-59, Test Fe;
Sine-on-Random		IEC 68-2-34, Test Fd;
Gunfire		IEC 68-2-35, Test Fda;
Random-on-Random		IEC 68-2-
Loose Cargo Vibration		

Test:

Mechanical Shock

Parameters:

Test Method(s) ¹:



Test:

8,000 to 55,000 ft. EN 60601-1-11; ASTM D4169;





Accredited

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 18th day of July 2022.

A handwritten signature in blue ink, appearing to read "Trace McInturff".

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2582.02
Valid to July 31, 2024
Revised October 13, 2023

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