



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AUSTIN RELIABILITY LABS  
12317 Technology Blvd, Suite 100  
Austin, TX 78727  
Larry Legler Phone: 512-623-4717

MECHANICAL

Valid To: March 31, 2026

Certificate Number: 2976.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on computer, IT, aerospace, medical, oil, gas, solar & electric vehicles (EV):

**Test Type / Test Capabilities:**

**Test Method(s):**

**Environmental Tests:**

Hot/Cold Temperature<sup>1</sup>  
(-65 to 180) °C

IEC 60068-2-1 (Tests Ab and Ad);  
IEC 60068-2-2 (Tests Bb and Bd);  
MIL-STD-810 (Methods 501 and 502);

Temperature and Humidity<sup>1</sup>  
45°C @ 10% RH  
80°C @ 95% RH

IEC 60068-2-30 (Test Db);  
MIL-STD-810G<sup>2</sup> (Method 507);

Thermal Shock<sup>1</sup>  
(-45 to 85) °C

MIL-STD-810 (Method 503)

Vibration (Random)<sup>1</sup>  
(10 to 2000) Hz  
(4500 pounds force)  
(2.0 inch peak to peak stroke)

IEC 60068-2-64 (Test Fh);  
ASTM D4728;  
ASTM D999;  
MIL-STD-810 (Method 514)

Vibration (Sine)<sup>1</sup>  
(10 to 2000) Hz  
(4500 pounds force)  
(2.0 inch peak to peak stroke)

IEC 60068-2-6 (Test Fc);  
ASTM D999

Shock<sup>1</sup>  
(ED Shaker up to 50 g's, 20 mSec)

IEC 60068-2-27;  
MIL-STD-810 (Method 516)

Altitude  
1000 to 80,000 feet

MIL-STD-810 (Method 500) Procedures 1 & 2

**Test Type / Test Capabilities:**

Degrees of Protection

HALT<sup>1</sup> (Highly Accelerated Life Test)  
(-100 to 180) °C  
(10 to 5000) Hz (up to 50 g's rms)

HASS<sup>1</sup> (Highly Accelerated Stress Screen)  
(-100 to 180) °C  
(10 to 5000) Hz (up to 50 g's rms)

Drop Test  
(Up to 100 kg)

**Test Method(s):**

IEC 60529:2013, IPX3, IPX4, IPX5, IPX6, IPX7, IPX8 (Water)

QualMark HALT Guideline, doc #993-0336

QualMark HASS Guideline,  
doc #993-0384

ISTA 3A; ISTA 2B;  
IEC 60068-2-27;  
MIL-STD-810, Method 516,  
Procedure II, IV, and VI

<sup>1</sup>Using customer supplied specifications directly related to the types of tests listed above



# Accredited Laboratory

A2LA has accredited

## AUSTIN RELIABILITY LABS

*Austin, 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 21<sup>st</sup> day of March 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 2976.01  
Valid to March 31, 2026

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