



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

DELSERRO ENGINEERING SOLUTIONS, INC.
3900 Broadway Road
Easton, PA 18040
Mr. Gary Delserro Phone: 610 253 6637

MECHANICAL

Valid To: August 31, 2024

Certificate Number: 4998.01

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 aerospace, military, industrial, commercial, automotive and medical products:

Test Type/Test Capabilities¹:

Test Method(s):

Temperature (-70 to 200) °C

High Temperature

Low Temperature

Temperature Shock (Air to Air)

Temperature Cycling

Temperature

Cold Temperature

Dry Heat

Change of Temperature

MIL-STD-810, rev. E-H, Method 501

MIL-STD-810, rev. E-H, Method 502

MIL-STD-810, rev. E-H, Method 503

MIL-STD-202, Method 107

MIL-STD-883, Method 1010

RTCA/DO-160, rev. E-G, Section 4.5

IEC 60068-2-1

IEC 60068-2-2

IEC 60068-2-14, Tests Na, Nb

Humidity

MIL-STD-810, rev. E-H, Method 507

RTCA/DO-160, rev. E-G, Section 6

MIL-STD-202, Methods 103, 106

MIL-STD-883, Method 1004

ASTM D4332

ASTM F1980

Damp Heat

IEC 60068-2-30

Cyclic Temperature/Humidity

IEC 60068-2-38

Test Type/Test Capabilities¹:

Test Method(s):

Altitude/Low Pressure (to 100,000 feet)

MIL-STD-810, rev. E-H, Method 500, Procedures I & II
RTCA/DO-160, rev. E-G, Section 4.6.1
MIL-STD-202, Method 105
MIL-STD-883, Method 1001
IEC 60068-2-13
ASTM D6653

Constant Acceleration (to 100G's)
Acceleration

MIL-STD-810, rev. E-H, Method 513
MIL-STD-202, Method 212, Test Condition A
RTCA/DO-160, rev. E-G, Section 7

Operational Shocks & Crash Safety

Vibration

Frequency Range: (1 to 3,000) Hz
Displacement: Up to 2 in
Max Payload = 500 lb

MIL-STD-810, rev. E-H, Method 514, Procedure I
RTCA/DO-160, rev. E-G, Section 8
MIL-STD-202, Methods 201, 204, 214
MIL-STD-883, Method 2007, 2026
IEC 60068-2-6
IEC 60068-2-64
IEC 60255-21-1:1988
ASTM D999
ISTA 1A

Shock (up to 1,500 G's)
Shock

MIL-STD-810, rev. E-H, Method 516
MIL-STD-202, Method 213
MIL-STD-883, Method 2002, Conditions A & B
IEC 60068-2-27
IEC 60255-21-2:1988

Operational Shocks & Crash Safety

RTCA/DO-160, rev. E-G, Section 7
MIL-STD-810, rev. E-H, Method 517
MIL-STD-810, rev. E-H, Method 517

Pyroshock

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



Accredited Laboratory

A2LA has accredited

DELSERRO ENGINEERING SOLUTIONS, INC.

Easton, PA

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 3rd day of June 2022.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4998.01
Valid to August 31, 2024

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