



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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

MECHANICAL

Valid To: August 31, 2020

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

**Test Technology:**

**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

Humidity

Damp Heat

Cyclic Temperature/Humidity

Altitude/Low Pressure (to 100,000 feet)

Constant Acceleration (to 100G's)

Acceleration

Operational Shocks & Crash Safety

MIL-STD-810 E-G CN1, Method 501

MIL-STD-810 E-G CN1, Method 502

MIL-STD-810 E-G CN1, Method 503

MIL-STD-202 Method 107

MIL-STD-883 Method 1010

RTCA/DO-160 E-G, Section 4.5

IEC 60068-2-1

IEC 60068-2-2

IEC 60068-2-14 Tests Na, Nb

MIL-STD-810 E-G CN1, Method 507

RTCA/DO-160 E-G, Section 6

MIL-STD-202 Methods 103, 106

MIL-STD-883 Method 1004

IEC 60068-2-30

IEC 60068-2-38

MIL-STD-810 E-G CN1, Method 500, Procedures I & II

RTCA/DO-160 E-G, Section 4.6.1

MIL-STD-202 Method 105

MIL-STD-883 Method 1001

IEC 60068-2-13

MIL-STD-810 E-G CN1, Method 513

MIL-STD-202 Method 212 Test Condition A

RTCA/DO-160 E-G, Section 7

(A2LA Cert. No. 4998.01) 08/09/2018

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**Test Technology:**

Vibration

Frequency Range: (1 to 3,000) Hz

Displacement: Up to 2 in

Max Payload = 500 lb

**Test Method(s):**

MIL-STD-810 E-G CN1, Method 514, Procedure I

RTCA/DO-160 E-G, Section 8

MIL-STD-202 Methods 201, 204, 214

MIL-STD-883 Method 2007

IEC 60068-2-6

IEC 60068-2-64

IEC 60255-21-1:1988

Shock (up to 1,500 G's)

Shock

MIL-STD-810 E-G CN1, 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 E-G, Section 7

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## *Accredited Laboratory*

A2LA has accredited

# **DELSERRO ENGINEERING SOLUTIONS**

*Easton, PA*

for technical competence in the field of

## **Mechanical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 9<sup>th</sup> day of August 2018.

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President and CEO  
For the Accreditation Council  
Certificate Number 4998.01  
Valid to August 31, 2020

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