



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRIALON CORPORATION
Michigan Testing and Validation Center
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Burton, MI 48509

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ACOUSTICS & VIBRATION

Valid To: September 30, 2020

Certificate Number: 1123.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following vibration tests:

Environmental Durability/ Simulation:

Vibration and Shock Capabilities up to the following:

Methods:

Random *

Force Ratings: 15,000 force-lbs
Frequency Range: (5 to 3,000) Hz
Maximum Level: 60 Grms
Displacement: 2.5 inches Peak to Peak

MIL-STD-810G
Method 514.6

Sine *

Force Ratings: 15,000 force-lbs
Frequency Range: (5 to 2,500) Hz
Velocity Continuous: 71 inches/second
Displacement: 2.5 inches Peak to Peak

MIL-STD-810G
Method 514.6

Mechanical Shock *

Force: 40,000 force-lbs
Waveforms: half-sine, saw tooth, and trapezoidal
Maximum Levels: up to 100 g's (electrodynamic)
Maximum Levels: up to 500 g's (shock amplifier - pneumatic)

MIL-STD-810G
Methods 516.6, 517.1,
519.6 and 522.1

Climatic Conditions/Environmental Simulations *

High /Low Temperature: (-60 to 180) °C, ± 2 °C
Humidity: (20 to 95) %RH, ± 4 %RH

MIL-STD-810G

On the following products or types of products:

Automotive, Aerospace, Military and Electrical/Electronic/Mechanical components and assemblies.

*Also using customer-specified methods based on the parameters listed above. Also including but not limited to GMW3172, Ford CEPT:00.00-E-412, and CS 11982.



Accredited Laboratory

A2LA has accredited

TRIALON CORPORATION

Burton, MI

for technical competence in the field of

Acoustics and Vibration 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 17th day of July 2018.

A handwritten signature in blue ink, appearing to be "A. M. ...".

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1123.01
Valid to September 30, 2020
Revised August 24, 2020

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