



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRIALON CORPORATION  
Indiana Testing and Validation Center  
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ACOUSTICS & VIBRATION

Valid To: September 30, 2020

Certificate Number: 1123.07

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: 12,500 force-lbs  
Frequency Range: (5 to 2,300) Hz  
Maximum Acceleration RMS: 40g  
Displacement: 2.5 inches Peak to Peak

MIL-STD-810G  
Method 514.6

**Sine** \*

Force Ratings: 12,500 force-lbs  
Frequency Range: (5 to 2,300) Hz  
Velocity Continuous: 71 inches/second  
Displacement: 2.5 inches Peak to Peak

MIL-STD-810G  
Method 514.6

**Mechanical Shock** \*

Force: 26,660 force-lbs  
Waveforms: half-sine, saw tooth, and trapezoidal  
Maximum Levels: up to 50 g's (electrodynamic)

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

**Climatic Conditions/Environmental Simulations** \*

High /Low Temperature: (-50 to 150) °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, CS 11982 and USCAR-2.



# Accredited Laboratory

A2LA has accredited

## TRIALON CORPORATION

Kokomo, IN

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 26<sup>th</sup> day of July 2018.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1123.07  
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.