



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRIALON CORPORATION - MTEC
VIBRATION LABORATORY
1477 Walli Strasse Blvd.
Burton, MI 48509

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ACOUSTICS & VIBRATION

Valid To: May 31, 2012

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:

Environmental Durability/ Simulation:

Vibration and Shock Capabilities up to the following:

Random

Force Ratings: 15,000 force-lbs
Frequency Range: (4 to 3000) Hz
Maximum Level: 60 Grms
Displacement: 2.5 inches Peak to Peak

Sine

Force Ratings: 15,000 force-lbs
Frequency Range: (4 to 2500) Hz
Velocity Continuous: 71 in/sec
Displacement: 2.5 inches Peak to Peak
(Note: sine, random, sine on random, multiple channel control/monitoring, transmissibility plots, resonance search and dwell)

Mechanical Shock

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

Climatic Conditions/Environmental Simulations

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

Methods:

MIL-STD-810G
Customer Specifications*

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On the following products or types of products:

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

*Using customer-specified methods based on the parameters listed above.

(A2LA Cert. No. 1123.01) 08/23/2010

Page 1 of 1



The American Association for Laboratory Accreditation

World Class Accreditation

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 8 January 2009*).

Presented this 23rd day of August 2010.





Peter Meyer

President & CEO
For the Accreditation Council
Certificate Number 1123.01
Valid to May 31, 2012

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