



THE AMERICAN ASSOCIATION FOR
LABORATORY 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 18 June 2005*).



Presented this 22nd day of August 2008.

A handwritten signature in black ink, appearing to read "Peter Abney".

President

For the Accreditation Council

Certificate Number 1123.01

Valid to May 31, 2010

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRIALON CORPORATION - MTEC
VIBRATION LABORATORY
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ACOUSTICS & VIBRATION

Valid To: May 31, 2010

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)

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.