



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

STRUCTURAL TESTING LABORATORY  
397 Washington Street, Suite B  
Brighton, MI 48116  
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ACOUSTICS & VIBRATION

Valid To: February 28, 2019

Certificate Number: 2545.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive, aerospace/defense, transportation/packaging, and military products:

**Test Type/ Equipment Parameters**

**Test Method(s)**

Vibration

Random:  
Frequency Range<sup>1</sup>: (5 to 2,000) Hz  
Acceleration: 50 g Random

Sine:  
Acceleration: 50 g Sine, 50 g

ASTM D4169, Section 12.4;  
MIL-STD 810G, Section 514;  
Chrysler PF-10099;  
Chrysler CS-11982;  
Hyundai ES95400

Shock

MIL-STD 810G, Section 516

Acceleration: 40 g, 5ms duration

Electrodynamic Shaker Force<sup>1</sup>

Sine Wave Rating: Up to 4,000 (lbs force peak)

Random Rating: Up to 4,000 (lbs force RMS for uniform PSD with a load of 260 lbs or greater)

Displacement (PK – PK): 1 in (2.54 cm)

Velocity: 40 in/sec

<sup>1</sup> Per customer specific methods based on the equipment parameters listed above, for the following test capabilities: Random Vibration, Random on Random Vibration, Sine Sweep Vibration, Sine Dwell Vibration, Sine on Random Vibration, Classical Shock, and Synthesis Shock Response Spectrum (SRS).



## *Accredited Laboratory*

A2LA has accredited

### **STRUCTURAL TESTING LABORATORY**

*Brighton, 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 27<sup>th</sup> day of March 2017.

A handwritten signature in black ink, written over a horizontal line.

President & CEO  
For the Accreditation Council  
Certificate Number 2545.01  
Valid to February 28, 2019