



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005¹

EXOVA DEFIANCE
PRODUCT DEVELOPMENT TESTING - TROY
1150 W. Maple Rd.
Troy, MI 48084
Ms. N’Jeri Laird Phone: 248 458 5900

ACOUSTICS & VIBRATION

Valid To: May 31, 2019

Certificate Number: 0375.04

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory listed above, as well as the two (2) satellite laboratories listed below, to perform the following tests on automobile and automobile components:

<u>Test and Test Parameters:</u>	<u>Test Method(s)/Standard(s):</u>
Equivalent Stiffness Test and Analysis	CEPT 01-01-L-601

¹ This accreditation covers testing performed at the main laboratory listed above, and the satellite laboratory listed below.

² Also using customer supplied test methods, or methods developed by the lab and approved by the client, within the parameters listed above.

EXOVA DEFIANCE
PRODUCT DEVELOPMENT TESTING - TROY
1154 Maplelawn
Troy, MI 48084
Ms. N’Jeri Laird Phone: 248 458 5900

<u>Test and Test Parameters:</u>	<u>Test Method(s)/Standard(s):</u>
<u>Sound Quality, Sound Intensity and Sound Pressure Analysis²</u> 32 Channel / 16 Bit A/D / MIC or Intensity Inputs ARTEMIS / LMS Analysis Software	GMW 7293; GMW 14011
<u>Buzz, Squeak and Rattle²</u> Objective and Jury Evaluations Vibration Profile Development 500 Pound Peak Force Up to 2 kHz Control Multi-Channel Acquisition Up to 16 Channels (Sound Pressure/Acceleration) 16 Bit A/D	GMW 7293

(A2LA Cert. No. 0375.04) 09/08/2017

Page 1 of 2

<u>Test and Test Parameters:</u>	<u>Test Method(s)/Standard(s):</u>
<u>Experimental Modal Analysis</u> ² 16 Bit A/D LMS SCADAS 24 Bit D/A	CETP 01-12-E-404; GMW 14096
<u>Road Noise and Vibration Measurements</u> ² Up to 32 Channels 100 K – Samples/Simultaneous +/- 10V Input ICP Input 16 Bit A/D	VADA 06-044
Equivalent Stiffness Test and Analysis	CEPT 01-01-L-601

¹ This accreditation covers testing performed at the main laboratory listed above, and the satellite laboratory listed below.

² Also using customer supplied test methods, or methods developed by the lab and approved by the client, within the parameters listed above.

EXOVA DEFIANCE
PRODUCT DEVELOPMENT TESTING - TROY
5820 Hix Road
Westland, MI 48185
Mr. Brian Rilet Phone: 248 458 5900

<u>Test and Test Parameters:</u>	<u>Test Method(s)/Standard(s):</u>
Equivalent Stiffness Test and Analysis	CEPT 01-01-L-601

² Also using customer supplied test methods, or methods developed by the lab and approved by the client, within the parameters listed above.





Accredited Laboratory

A2LA has accredited

EXOVA DEFIANCE

Troy, 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 8th day of September 2017.

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

President & CEO
For the Accreditation Council
Certificate Number 0375.04
Valid to May 31, 2019

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