



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS NORTH AMERICA, INC.
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MECHANICAL

Valid To: May 31, 2024

Certificate Number: 1901.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on the following automotive components: Seating Systems and Components, Exhaust Systems and Components, Shock Absorbers, Interior and Exterior Trim, Structural Components and Stampings:

<u>Test(s):</u>	<u>Parameter(s):</u>	<u>Test Method(s):</u>
Airleak Testing ¹	Up to 100 slpm	ES8C34-5K214-AD:2008
Durability / Axial and Bending Fatigue & Ultimate Strength ¹	50,000 lbs max. (0 to 250) Hz, Up to 10" peak to peak displacement	ES-F8UA-5K214-AA:1997, Section III D & F; Ford CETP 09.03-E300 Rev 200412; GES-97040A; GMW14390:2005
High / Low Temperature ¹	(-55 to 120) °C, 62 ft ³	TES TSD6522G:2004
High Temperature Air Flow ¹	500 scfm, 1200 °C max.	PF-12357; Ford CETP 09.02-E-300; Ford CETP 09.02-E-301; GMPT Catalytic Converter Assembly
Thermal Shock (Waterspray) ¹	25 psi	PF-12357; DCX PF-9019, Section 2.4; Ford CETP 09.02-E-301; GMPT Catalytic Converter Assembly
Acoustic Measurements	(45 to 138) dbA in anechoic chamber	TES TSD6542G; ES9CP1-18045-AC
Shock Pulse ¹	(3 to 2500) G (0.3 to 65) ms (Up to 200 lbs)	Customer Requirements

<u>Test(s):</u>	<u>Parameter(s):</u>	<u>Test Method(s):</u>
Vibration ¹	(5 to 3,000) Hz Up to 3" peak to peak displacement	PF – 12357; DCX PF-9019; Ford CETP 09.02-E-302; Ford CETP 09.02-E-304; Ford CETP 09.02-E-308; Ford CETP 09.02-E-309;
Sine	22,000 lbf	GMPT Catalytic Converter Assembly
Random	22,000 lbf	
Shock	54,000 lbf	

¹This laboratory also uses customer supplied specifications developed by the lab and approved by the client directly related to the types of tests and within the parameters listed above.





Accredited Laboratory

A2LA has accredited

SGS NORTH AMERICA, INC.

Troy, MI

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 24th day of June 2022.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1901.01
Valid to May 31, 2024

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