



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CARCOUSTICS TECH CENTER NORTH AMERICA, INC.

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MECHANICAL

Valid To: January 31, 2025

Certificate Number: 6105.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on textiles, plastics, and foams:

<b>Test:</b>	<b>Test Method:</b>
<b>PHYSICAL TESTS</b>	
Cellular Plastics and Rubbers – Determination of Apparent Density	ISO 845
<b>Determination of the Burning Behavior (FLAMMABILITY)</b>	
Flammability of Materials Used in the Occupant Compartments of Motor Vehicles	FMVSS302
Determination of Burning Behavior of Interior Materials in Motor Vehicles	DIN 75200
Flammability of Polymeric Interior Materials – Horizontal Test Method	SAE J369
Flame Retardant Interior Fittings – Requirements and Test Specification	DBL 5307
National Standard of the People’s Republic of China – Flammability of Automotive Interior Materials	GB8410
Test Method for Determining the Flammability of Interior Trim Materials	GMW3232
Interior Material – Fire Behavior, Material Requirements	VW-TL 1010
Determination of the Burning Behavior of Automotive Interior Materials	BMW-GS 97038
Road Vehicles and Tractors and Machinery for Agriculture and Forestry – Determination of Burning Behavior of Interior Materials	ISO 3795
Fire Hazard Testing – Part 2-10: Glowing/Hot-wire Based Test Methods – Glow-wire Flammability Test Method and Common Test Procedure (GWEPT)	DIN EN 60695-2-10
Fire Hazard Testing – Part 2-11: Glowing/Hot-wire Based Test Methods – Glow-wire Flammability Test Method for End-products (GWEPT)	DIN EN 60695-2-11
Fire Hazard Testing – Part 2-12: Glowing/Hot-wire Based Test Methods – Glow-wire Flammability Index (GWFI) Test Method for Materials	DIN EN 60695-2-12
Fire Hazard Testing – Part 2-13: Glowing/Hot-wire Based Test Methods – Glow-wire Flammability Ignition Temperature (GWIT) Test Method for Materials	DIN EN 60695-2-13

<b>Test:</b>	<b>Test Method:</b>
<b>Determination of the ODOR Behavior of Automotive Interior Materials</b>	
Determination of the Odor Behavior of Automotive Interior Materials	VDA 270
Components of the Vehicle Interior – Odor Test	VW PV 3900
Interior Odor Test	Ford FLTM BO 131-03
Hot Odor Test for Insulation Materials	SAE J1351
<b>Determination of the FOGGING Characteristics of Trim Materials in the Interior of Automobiles</b>	
Non-metallic Interior Materials – Determination of Condensable Ingredients	VW PV 3015
<b>Determination of ENVIRONMENTAL Influences and Resistances</b>	
Climate Change Test for Equipment Parts	BMW PR 303.5
Vehicle Parts – Testing of Climate Change Resistance	VW PV 1200, 2005
Non-metallic Materials, Material Systems and Semi-finished Products – Part 4: Thermal Tests	MBN 55555-4 (Except 5.4 and 5.8)
Flexible and Rigid Cellular Polymeric Materials – Accelerated Aging Tests	DIN EN ISO 2440
<b>Determination of DEFORMATION/STRENGTH Properties</b>	
Non-metallic Materials, Material Systems and Semi-finished Products – Part 6: Mechanical Tests	MBN 55555-6 (Only Chapter 5.17)
Plastics – Determination of Tensile Properties – Part 3: Test Conditions for Films and Sheets	ISO 527-3
Flexible Cellular Polymeric Materials – Determination of Tensile Strength and Elongation at Break	ISO 1798
Polymeric Materials, Cellular Flexible – Determination of Stress-strain Characteristics in Compression	DIN EN ISO 3386-1
Flexible Cellular Polymeric Materials – Determination of Compression Set	ISO 1856
Stress-strain Properties under Compression – Part 1: Low-density Foams	DBL 5452
Rubber, Vulcanized or Thermoplastic – Determination of Tear Strength – Part 1: Trouser, Angle and Crescent Test Pieces	ISO 34-1 (Chapters 6-12)
Testing of Organic Materials – Separation Test on Fabric Plies Bonded Together	DIN 53530
Testing of Plastics Sheets – Adhesion Test	DIN 53357
Textiles – Tensile Properties of Fabrics – Part 1: Determination of Maximum Force and Elongation at Maximum Force Using the Strip Method	DIN EN ISO 13934-1
Standard Test Methods for Flexible Cellular Materials-Slab, Bonded, and Molded Urethane Foams	ASTM D3574 (Tests D and E)



## Accredited Laboratory

A2LA has accredited

**CARCOUSTICS TECH CENTER NORTH AMERICA, INC.**

*Howell, 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 18<sup>th</sup> day of May 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 6105.01  
Valid to January 31, 2025

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