



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BUREAU VERITAS
CONSUMER PRODUCTS SERVICES MEXICO, S.A. DE C.V.¹
Circuito del Sol 3905-01
Colonia Nuevo Amanecer
Puebla, Mexico 72400
Luis Sanchez-Estrada Email: luis.sanchez-estrada@bureauveritas.com

MECHANICAL

Valid To: March 31, 2025

Certificate Number: 1735.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on the following products or types of products:
children's products, automotive, plastics, metals, and construction:

<u>Test Description:</u>	<u>Test Method(s):</u>
Ball Drop impact Test	PV3989-23; PV3966-21
Corrosion Test in Artificial Atmospheres – Salt Spray Test	ISO 9227 NSS; ASTM B117-19; PR263 Part 3.3.5; GMW 14872; NES M0158; NES M0007 (33); PV 1208, PV 1209, PV 1210, PV 8610
Determination of resistance to humidity – Condensation water atmospheres	PR 263 Part 3.3.1; DIN EN ISO 6270 Part 2; GMW 14650 (4.4); NISSAN NES M0007 (32); ASTM D1735
Determination of the Fogging Characteristics of Interior Automotive Materials	PV 3015-19; SAE J1756-06; GMW3235 (method B);
Durometer Shore hardness A & C	ASTM D2240:15(2021); ISO 48-4:18

Test Description:**Test Method(s):**

Environmental Cycle Test	PV 2005-21 (A); FORD WSS-M9P10-B Part 3.6.2; GMW 14124 (except cycles L,F,G,J,Q,T and X); PR 303.5; PR 263 Part 3.3.8, 4.11.5; TESLA TP-0000706; NISSAN NES M0132
Flammability – Burning behavior	DIN 75200-1980; GB 8410-2006; ISO 3795-1989; DBL 5307-2019; 49 CFR Ch V (10-1-11 Ed.); 571.302 Standard No. 302 (FMVSS302); GMW 3232-2020; TSM0500G-2015; TL 1010-2008; TL 1011-2019
Flexural properties	ASTM D790-17; ISO 178-19
Hardness of Metallic materials Brinell Hardness HBW 2.5/ 62Kg Rockwell B & C Micro Hardness: 100, 200, 300, 500, 1000gr 5k, 10K, 30K HV 1000 gr HK	ASTM E10-18; ASTM E18-22; ASTM E92-17
Preparation of Metallographic Specimens	ASTM E3
Seam slippage resistance of trim cover material	Trim Cover Material; Determining the Seam Slippage Resistance of Trim Cover Material PV 3955
Hook Fastener Test	Trim Cover Material; Hook Fastener Test PV3961
Standard Test methods for determining Average Grain Size	ASTM E112
Standard Test methods of Compression Testing of Metallic materials	ASTM E9 (<i>except section 6.2.1</i>)
Static and permanent elongation	Non-Metallic Planar Materials; Measurement of Static and Permanent Elongation PV3909

<u>Test Description:</u>	<u>Test Method(s):</u>
Tear Strength	ISO 34-1:2010
Tensile properties – (plastics)	ASTM D638; ISO 527-1, ISO 527-2
Tensile properties (Metallic Materials)	ASTM E8; ISO 6892-1
Testing Water Resistance of Coatings Using Water Fog Apparatus (Corrosion and Blistering)	ASTM D1735 Part 7, D610, D714
Testing Water Resistance of Coatings in 100% Relative Humidity (Corrosion and Blistering)	ASTM D610, D714
Thermal Aging resistance	DIN 53497 – Method B GMW 14650 (4.2)
Thermography	PR 263 Part 4.10.1
Windshield Defrosting Test	PR 263 Part 4.10; GMW 16956
Xenon Test exposure	(Non-Metallic Materials): Xenon Arc Light Aging of Vehicle Interior Parts PV 1303; Weathering in Dry and Hot Climate (Exterior) PV 3929; Weathering in Humid and Hot Climate (Exterior) PV 3930; SAE J2527
Determination of Odor Characteristics of Trim Materials in Motor Vehicles	PV 3900; VDA 270
Measuring Emissions of Formaldehyde	PV 3925; VDA 275
Emission Behavior of Parts, Components, and Semi-finished Products for the Vehicle Interior Testing using the DUT Chamber Method	PV 3942
Non-Metallic Materials in Automotive Interior Trim- Determination of Emission of Organic Compounds (total)	PV 3341/VDA 277

Test Description:**Test Method(s):**

Density of non-cellular plastics — Part 1: Immersion method	ISO 1183-1
Determination of the textile glass and mineral-filler content	ISO 1172
Determination of ash content	ISO 3451
Standard Practice for Operating Salt Spray (Fog) Apparatus (Corrosion Method)	CPSD-HL-01010-MTHD
Flammability of Solids	ASTM F963-23, Section 4.2; 16 CFR Sections 1500.3 (c) (6) (vi) and 1500.44
Small Parts	ASTM F963-23, Section 4.6; 16 CFR 1501
Sharp Edges	ASTM F963-23, Section 4.7; 16 CFR 1500.49
Sharp Points	ASTM F963-23, Section 4.9; 16 CFR 1500.48
Safety of Toys: Flammability	EN-71-2:2011+A1:2014; ISO 8124-2:2014
Toy Testing: Use and Abuse Testing (Impact Tests, Drop Tests, Torque, Tension, Compression, Flex)	16 CFR 1500.50-53; EN-71 Part 1; ISO 8124-1-14 Part 1
Use and Abuse: 18 Months of Age or Less	ASTM F963-23, Sections 8.5 (<i>except section 8.5.1</i>), 8.6, 8.7.1, 8.8, 8.9, 8.10, and 8.12; 16 CFR 1500.51
Use and Abuse: Over 18 Months of Age but Less than 36 Months of Age	ASTM F963-23, Sections 8.5 (<i>except section 8.5.1</i>), 8.6, 8.7.1, 8.8, 8.9, 8.10, and 8.12; 16 CFR 1500.52

Test Description:**Test Method(s):**

Use and Abuse: Over 36 Months of Age but Less than 96 Months of Age	ASTM F963-23, Sections 8.5(except section 8.5.1), 8.6, 8.7.1, 8.8, 8.9, 8.10, and 8.12; 16 CFR 1500.53
Flammability of Clothing Textiles	16 CFR 1610 [Except 1610.6 (b) (i)] *;
Flammability of Children's Sleepwear Sizes 0 through 6X (FF 3-71)	16 CFR Part 1615
Flammability of Children's Sleepwear Sizes 7 through 14 (FF 5-74)	16 CFR Part 1616
Canadian Children's Sleepwear Regulations: Flammability for Loose Fit	CPSD-SL_00087.443-MTHD
Flammability of Interior Materials	49 CFR Ch V (10-1-11 Ed.) 571.302 Standard No. 302
Canadian Flammability - Textile Products	Textile Flammability Regulations (SOR/2016-194)/ CAN/CGSB-4.2, No.27.5:2008
Requirements, Test Procedure and Apparatus for Testing the Smolder, Resistance of Materials Used in Upholstered Furniture.	CPSD-GB-00113-MTHD-TB 117 2013 SECTION I-V2; CPSD-GB-00114-MTHD-TB 117 2013 SECTION II-V2; CPSD-GB-00115-MTHD-TB 117 2013 SECTION III-V4
Standard Safety Specification for Clothing Storage Units	ASTM F2057-23 16 CFR Part 1261

* Dry cleaning of the sample is performed by an approved subcontractor prior to testing in the laboratory.

¹ The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.





Accredited Laboratory

A2LA has accredited

BUREAU VERITAS CONSUMER PRODUCTS SERVICES DE MÉXICO S.A. DE C.V.

Puebla, Mexico

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 11th day of July 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1735.02
Valid to March 31, 2025
Revised March 14, 2024

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