SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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MECHANICAL

Valid To: February 28, 2027 Certificate Number: 6125.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following mechanical tests:

Test:	Test Method(s):
Corrosion:	
Operating Salt Spray (Fog) Apparatus	ASTM B117
Modified Salt Spray (Fog) Testing	ASTM G85 (except Annex A4)
Testing Water Resistance of Coatings in 100% Relative Humidity	ASTM D2247
Testing Water Resistance of Coatings Using Water Fog Apparatus	ASTM D1735
Paints and varnishes Determination of resistance to cyclic corrosion conditions Part 1: Wet (salt fog)/dry/humid	ISO 11997
Laboratory Cyclic Corrosion Test	SAE J2334
Salt Fog	MIL-STD-810H Method 509.8 Procedure 1 and 2 only
Corrosion pre and post-test evaluations:	
Evaluating Degree of Rusting on Painted Steel Surfaces	ASTM D610
Evaluating Degree of Blistering of Paints	ASTM D714
Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments	ASTM D1654
Powertrain Pressure Spray Wash Test	GMW16922
UV:	
UV- Fluorescent:	
Operating Fluorescent Light Apparatus for UV Exposure of Non-metallic Materials	ASTM G154
Fluorescent Ultraviolet Lamp Apparatus Exposure of Plastics	ASTM D4329
Conducting a Test of Protective Properties of Polish Applied to a Painted Panel Using Fluorescent UV-Condensation Light and Water-Exposure Apparatus	ASTM D6625
Plastics — Methods of exposure to laboratory light sources Part 3: Fluorescent UV lamps	ISO 4892

Test:	Test Method(s):
UV- Xenon-Arc	
Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials	ASTM G155
Xenon-Arc Exposure of Plastics Intended for Outdoor Applications	ASTM D2565
Xenon-Arc Exposure of Plastics Intended for Indoor Applications	ASTM D4459
Measuring Light Stability of Resilient Flooring by Color Change	ASTM F1515
Plastics — Methods of exposure to laboratory light sources Part 2: Xenon-arc lamps	ISO 4892 *(except Cycles 2, 3, and 4)*
Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Xenon-Arc Apparatus	SAE J2412
Performance Based Standard for Accelerated Exposure of Automotive Exterior Materials Using a Controlled Irradiance Xenon-Arc Apparatus	SAE J2527
Test Method for Colorfastness to Light: Xenon-Arc	AATCC 16.3
Surface measurements:	
Mandrel Bend Test of Attached organic Coatings	ASTM D522
Specular Gloss Only for: Measurements taken at an angle of 60 degrees	ASTM D523
Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates	ASTM D2244
Measuring Adhesion by Tape Test	ASTM D3359 (Method A and B)
Film Hardness by Pencil Test	ASTM D3363
Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)	ASTM D2794
Abrasion Resistance of Organic Coatings by the Taber Abraser	ASTM D4060
Coating Flexibility of Prepainted Sheet	ASTM D4145
High-Pressure Decorative Laminates – Light Resistance	NEMA LD-3 Section 3.3
Standard Test Method for Rubber Property - Durometer Hardness	ASTM D2240 (Shore A and Shore D Hardness)
Plastics, Resins & Rubbers:	
Flatwise tensile Strength of Sandwich Construction	ASTM C297
Vulcanized Rubber and Thermoplastic Elastomers-Tension	ASTM D412
Tensile Properties of Plastics	ASTM D638
Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials	ASTM D790
Tensile Properties of Thin Plastic Sheeting	ASTM D882
Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tensions Loading (Metal-to-Metal)	ASTM D1002
Climbing Drum Peel for Adhesives	ASTM D1781
Peel Resistance of Adhesives (T-Peel Test)	ASTM D1876
Face Sheet Properties of Sandwich Constructions by Long Beam Flexure	ASTM D7249
Compressive Strength	Airbus A2MS 532-002 Section 7.9.1
Brookfield Viscosity	Bombardier BATS-4385, Airbus A2TS 4385, ASTM D1824

Test:	Test Method(s):
Plastics, Resins & Rubbers (continued):	
Aerospace Standard Test Methods for Aerospace Sealants Two Component Synthetic Rubber Compounds.	SAE AS 5127, Sections 5.5 Flow (Classes B, C, and D), 5.6 Application Time, 5.8 Tack-Free Time, 5.9 Cure Time to Hardness, 6.1 Specific Gravity, 7.11 Crazing, 8.1 Peel Strength.
Adhesive, Bonding Vulcanized Synthetic Rubber to Steel	Federal Specification MMM-A-121, Section 4.6.1 (Viscosity)
Standard Practice for Preparation of Bar and Rod Specimens for Adhesion Tests	ASTM D2094
Standard Test Method for Tensile Strength of Adhesives by Means of Bar and Rod Specimens	ASTM D2095
Standard Specification for Anaerobic Single-Component Adhesives (AN)	ASTM D5363
Paint, Varnish, Lacquer and Related Materials	FED-STD-141, Sections 3011, 4331, 4061
Adhesive-Sealants, Silicone, RTV, One-Component	MIL-A-46106
Adhesive-Sealants, Silicone, RTV, Noncorrosive (For use with sensitive Metals and Equipment)	MIL-A-46146
Sealing Compound, Fuel Resistant, Integral Fuel Tanks and Fuel Cell Cavities	SAE AMS-S-8802 Section 3.6.6, Tack-Free Time (from beginning of mixing), 3.6.7 (Standard Cure Time (to 30 Durometer A)
Impact Resistance Tests	GMW14093
Retention Performance of Exterior Emblems Test	GMW16061
Climatic Chamber:	
Accelerated Aging of Sterile Barrier Systems for Medical Device Packages	ASTM F1980
Conditioning Containers, Packages, or Packaging Components for Testing	ASTM D4332
Resistance to humidity hot and cold cycling of trim materials test	Chrysler LP-463-LB-12-01 (Method A only)
Environmental Exposure Resistance – Humidity Cycle Q	GMW 14124
Environmental Exposure Resistance – Environmental Aging Cycle S	GMW 14124
Thermal Insulation Performance of Distribution Packages	ASTM D3103
Climatic Stressing of Packaging Systems for Single Parcel Delivery	ASTM F2825
Recommended Environmental Practices for Electronic Equipment Design in Heavy-Duty Vehicle Applications	SAE J1455, Sections 4.1.3.2, 4.1.3.1, and 4.2.3
Air Ducts – HVAC System: Temperature & Humidity Stresses (Heat Aging, Humidity Aging, Thermal Cycle Aging, Cold Soak Exposure), Dent Resistance.	FCA PF-90230 Section 5.1 and 5.2
Instrument Panel Module Assembly: Environment Resistance (Heat Aging, Humidity Aging, Thermal Cycle, Extended Heat Age – PVC Cast Skin with PU Foam)	FCA PF-90223 Section 5.1
Temperature and Humidity Tests	GMW15725

Test:	Test Method(s):
Flammability:	
Flammability	FMVSS 302
Furniture:	
Tipover Restraint(s) Used with Clothing Storage Unit(s)	ASTM F3096
General Purpose Office Chairs - All tests[1]	ANSI/BIFMA X5.1
Lounge and Public Seating - All tests[1]	ANSI/BIFMA X5.4
Desk/Table Products - All tests[1]	ANSI/BIFMA X5.5
Panel Systems - Except for: Section 4 (Flammability) [1]	ANSI/BIFMA X5.6 *(except for Section 4, Flammability)*
Storage Units - All tests[1]	ANSI/BIFMA X5.9
General Purpose Large Occupant Office Chairs - All tests[1]	ANSI/BIFMA X5.11
Large Occupant Public and Lounge Seating[1]	ANSI/BIFMA X5.41
Educational Seating - All tests[1]	ANSI/BIFMA X6.1
Occasional-Use Seating - All tests[1]	BIFMA X6.4
Small Office/Home Office Furniture[1]	BIFMA/SOHO S6.5
Universal Measurement Procedure for the Use of BIFMA Chair Measuring Device (CMD) - All measures	BIFMA CMD-1
Free Standing Office Desk/table, Storage Products and Components	CAN/CGSB-44.227 *(except for: Section 6.5.7)*
Interconnecting Panel Systems and Supported Components	CAN/CGSB-44.229 *(except for: Section 6.1.4, 6.1.6, 6.1.9 to 6.1.11 & 6.9)*
Task Chairs for Office Environments	CAN/CGSB-44.232 *(except Section 4.2, 4.3, 4.14)*
Office Furnishings - Glazed panels	UL 1286 (only for Part 35.1, 35.2 & corrosion test 37.3)
Clothing Storage Units	ASTM F2057
Safety Standard for Clothing Storage units	16 CFR 1261
Packaging:	
Packaged-Products 150 lb (68 kg) or Less	ISTA 1A
Packaged-Products Over 150 lb (68 kg)	ISTA 1B
Extended Testing for Packaged-Products 150 lb (68 kg) or Less	ISTA 1C
Extended Testing for Packaged-Products Over 150 lb (68 kg) or Less	ISTA 1D
Unitized Loads of Same Product	ISTA 1E
Packaged-Product 150 lb (68 kg) or Less (Random Vibration)	ISTA 1G
Packaged-Products Over 150 lb (68 kg) (Random Vibration)	ISTA 1H
Packaged-Products 150 lb (68 kg) or Less	ISTA 2A
Packaged-Products Over 150 lb (68 kg)	ISTA 2B
Furniture Packages	ISTA 2C
Packaged-Products for Parcel Delivery System Shipment 70 kg (150 lb) or Less	ISTA 3A
Packaged-Products for Less-Than-Truckload (LTL) Shipment	ISTA 3B
Similar Packaged-Products in Unitized Loads for Truckload Shipment	ISTA 3E
Packaged Products in Mixed Pallet Loads for Regional Shipment 100 lb (45 kg) or Less	ISTA 3F
Generalized E-commerce Retailer Fulfillment Test	ISTA 3L
Fast Moving Consumer Goods in the European Retail Supply Chain	ISTA 3K *(except carrying test)*
Packaged-Products for Shipment in Known Distribution Channels	ISTA 4AB
Ships in Own Container (SIOC) for Amazon.com Distribution	ISTA 6 – Amazon.com – SIOC

Test:	Test Method(s):
System Shipment e-Commerce Fulfillment for Parcel Delivery Shipment	ISTA 6 – Amazon.com – Overboxing
FedEx Procedures for Testing Packaged Products Weighing Up to 150 lb	ISTA 6 – FedEX A
FedEx Procedures for Testing Packaged Products Weighing More Than 150 lb	ISTA 6 – FedEX B *(except Rotary Vibration)*
Packaged-Products for Sam's Club Distribution System Shipment	ISTA 6 – SAMSCLUB
Temperature Test for Transport Packaging	ISTA 7D
Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads	ASTM D642
Standard Test Method for Impact Testing for Shipping Containers and Systems	ASTM D880
Vibration Testing of Shipping Containers	ASTM D999
Standard Packaging Testing of Shipping Containers and Systems	ASTM D4169 DC 2, 3, 4, 5, 6, 12, 13, 14, 15, 16, 17
Random Vibration Testing of Shipping Containers	ASTM D4728
Bridge Impact Testing	ASTM D5265
Drop Test of Loaded Containers by Free Fall	ASTM D5276
Mechanical Handling of Unitized Loads and Large Shipping Cases and Crates	ASTM D6055
Rough Handling of Unitized Loads and Large Shipping Cases and Crates	ASTM D6179 *(except test Method E)*
Concentrated Impacts to Transport Packages	ASTM D6344
Determining the Effects of High Altitude on Packaging Systems by Vacuum Method	ASTM D6653
Detecting Gross Leaks in Packaging by Internal Pressurization (Bubble Test)	ASTM F2096

Accredited Laboratory

A2LA has accredited

MICOM LABORATORIES INC.

Baie-d'Urfé, Quebec, Canada

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 29th day of April 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6125.01
Valid to February 28, 2027

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