



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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MECHANICAL

Valid To: February 28, 2025

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:**

**Corrosion:**

Operating Salt Spray (Fog) Apparatus  
Modified Salt Spray (Fog) Testing  
Testing Water Resistance of Coatings in 100% Relative Humidity  
Testing Water Resistance of Coatings Using Water Fog Apparatus  
Corrosion tests in artificial atmospheres — Salt spray tests  
Paints and varnishes Determination of resistance to  
cyclic corrosion conditions Part 1: Wet (salt fog)/dry/humid  
Laboratory Cyclic Corrosion Test  
Salt Fog

**Corrosion pre and post-test evaluations:**

Evaluating Degree of Rusting on Painted Steel Surfaces  
Evaluating Degree of Blistering of Paints  
Evaluating Degree of Cracking of Exterior Paints  
Evaluation of Painted or Coated Specimens Subjected to  
Corrosive Environments

**UV:**

**UV- Fluorescent:**

Operating Fluorescent Light Apparatus for UV Exposure of  
Non-metallic Materials  
Fluorescent Ultraviolet Lamp Apparatus Exposure of Plastics  
Conducting a Test of Protective Properties of Polish Applied to a  
Painted Panel Using Fluorescent UV-Condensation Light and  
Water-Exposure Apparatus  
Plastics — Methods of exposure to laboratory light sources  
Part 3: Fluorescent UV lamps

**UV- Xenon-Arc**

Operating Xenon Arc Light Apparatus for Exposure of  
Non-Metallic Materials  
Xenon-Arc Exposure of Plastics Intended for Outdoor Applications  
Xenon-Arc Exposure of Plastics Intended for Indoor Applications  
Xenon-Arc Exposure Test with Enhanced Light and  
Water Exposure for Transportation Coatings  
Measuring Light Stability of Resilient Flooring by Color Change

**Test Method(s):**

ASTM B117  
ASTM G85 (except Annex A4)  
ASTM D2247  
ASTM D1735  
ISO 9227  
ISO 11997  
SAE J2334  
MIL-STD-810H Method 509.7

ASTM D610  
ASTM D714  
ASTM D661  
ASTM D1654

ASTM G154  
ASTM D4329  
ASTM D6625  
ISO 4892

ASTM G155  
ASTM D2565  
ASTM D4459  
ASTM D7869  
ASTM F1515

**Test:****UV- Xenon-Arc (continued)**

Plastics — Methods of exposure to laboratory light sources  
Part 2: Xenon-arc lamps  
Accelerated Exposure of Automotive Interior Trim Components  
Using a Controlled Irradiance Xenon-Arc Apparatus  
Performance Based Standard for Accelerated Exposure of  
Automotive Exterior Materials Using a Controlled Irradiance  
Xenon-Arc Apparatus  
Test Method for Colorfastness to Light: Xenon-Arc

**Test Method(s):**

ISO 4892  
SAE J2412  
SAE J2527  
AATCC 16.3

**Surface measurements:**

Mandrel Bend Test of Attached organic Coatings  
Specular Gloss Only for: Measurements taken at an angle of  
60 degrees  
Calculation of Color Tolerances and Color Differences from  
Instrumentally Measured Color Coordinates  
Measuring Adhesion by Tape Test  
Film Hardness by Pencil Test  
Resistance of Organic Coatings to the Effects of Rapid Deformation  
(Impact)  
Abrasion Resistance of Organic Coatings by the Taber Abraser  
Coating Flexibility of Prepainted Sheet  
High-Pressure Decorative Laminates

ASTM D522  
ASTM D523  
ASTM D2244  
ASTM D3359 (Method A and B)  
ASTM D3363  
ASTM D2794  
ASTM D4060  
ASTM D4145  
NEMA LD-3  
(para. 3.3, 3.7.2 & 3.8 only)

**Plastics, Resins & Rubbers:**

Flatwise tensile Strength of Sandwich Construction  
Vulcanized Rubber and Thermoplastic Elastomers-Tension  
Tear Strength of Conventional Vulcanized Rubber and Thermoplastic  
Elastomers  
Tensile Properties of Plastics  
Flexural Properties of Unreinforced and Reinforced Plastics and  
Electrical Insulating Materials  
Tensile Properties of Thin Plastic Sheeting  
Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded  
Metal Specimens by Tensions Loading (Metal-to-Metal)  
Impact Resistance of Plastic Film by the Free-Falling Dart Method  
Climbing Drum Peel for Adhesives  
Peel Resistance of Adhesives (T-Peel Test)  
Face Sheet Properties of Sandwich Constructions by Long Beam  
Flexure  
Vapor Barrier Polyethylene Sheet for Use in Building Construction  
Rubber Vulcanized or thermal plastic determination of tensile Stress-  
Strain properties  
Compressive Properties of Rigid Plastics  
Brookfield Viscometry

ASTM C297  
ASTM D412  
ASTM D624  
ASTM D638  
ASTM D790  
ASTM D882  
ASTM D1002  
ASTM D1709 (Method A only)  
ASTM D1781  
ASTM D1876  
ASTM D7249  
CAN/CGSB-51.34-M86  
(Except for para. 5.2, 5.4 & 5.7)  
ISO 37  
ASTM D695  
BATS-4385; A2TS 4385:  
ASTM D1824

**Climatic Chamber:**

Accelerated Aging of Sterile Barrier Systems for Medical Devices  
Conditioning Containers, Packages, or Packaging Components for  
Testing  
Resistance to humidity hot and cold cycling of trim materials test  
Environmental Exposure Resistance – Humidity Cycle Q

ASTM F1980  
ASTM D4332  
Chrysler LP-463-LB-12-01  
GMW 14124

**Test:****Climatic Chamber (continued):**

Environmental Exposure Resistance – Environmental Aging  
Cycle S  
Thermal Insulation Performance of Distribution Packages  
Climatic Stressing of Packaging Systems for Single Parcel Delivery  
Recommended Environmental Practices for Electronic Equipment  
Design in Heavy-Duty Vehicle Applications

**Flammability:**

Flammability

**Furniture:**

Tipover Restraint(s) Used with Clothing Storage Unit(s)  
General Purpose Office Chairs - All tests<sup>1</sup>  
Lounge and Public Seating - All tests<sup>1</sup>  
Desk/Table Products - All tests<sup>1</sup>  
Panel Systems - Except for: Section 4 (Flammability)<sup>1</sup>  
Storage Units - All tests<sup>1</sup>  
General Purpose Large Occupant Office Chairs - All tests<sup>1</sup>  
Large Occupant Public and Lounge Seating<sup>1</sup>  
Educational Seating - All tests<sup>1</sup>  
Occasional-Use Seating - All tests<sup>1</sup>  
Small Office/Home Office Furniture<sup>1</sup>  
Universal Measurement Procedure for the Use of BIFMA Chair  
Measuring Device (CMD) - All measures  
Free Standing Office Desk/table, Storage Products and Components  
  
Interconnecting Panel Systems and Supported Components  
  
Task Chairs for Office Environments  
  
Office Furnishings - Glazed panels  
  
Clothing Storage Units  
Safety Standard for Clothing Storage units

**Packaging:**

Packaged-Products 150 lb (68 kg) or Less  
Packaged-Products Over 150 lb (68 kg)  
Extended Testing for Packaged-Products 150 lb (68 kg) or Less  
Extended Testing for Packaged-Products Over 150 lb (68 kg) or Less  
Unitized Loads of Same Product  
Packaged-Product 150 lb (68 kg) or Less (Random Vibration)  
Packaged-Products Over 150 lb (68 kg) (Random Vibration)  
Packaged-Products 150 lb (68 kg) or Less  
Packaged-Products Over 150 lb (68 kg)  
Furniture Packages  
Packaged-Products for Parcel Delivery System Shipment  
70 kg (150 lb) or Less  
Packaged-Products for Less-Than-Truckload (LTL) Shipment  
Similar Packaged-Products in Unitized Loads for Truckload  
Shipment

**Test Method(s):**

GMW 14124  
  
ASTM D3103  
ASTM F2825  
SAE J1455, Sections 4.1.3.2,  
4.1.3.1, and 4.2.3  
  
FMVSS 302  
  
ASTM F3096  
ANSI/BIFMA X5.1  
ANSI/BIFMA X5.4  
ANSI/BIFMA X5.5  
ANSI/BIFMA X5.6  
ANSI/BIFMA X5.9  
ANSI/BIFMA X5.11  
ANSI/BIFMA X5.41  
ANSI/BIFMA X6.1  
BIFMA X6.4  
BIFMA/SOHO S6.5  
BIFMA CMD-1  
  
CAN/CGSB-44.227  
(except for: Section 6.5.7)  
CAN/CGSB-44.229  
(except for: Section 6.1.4, 6.1.6,  
6.1.9 to 6.1.11 & 6.9)  
CAN/CGSB-44.232  
(except for: Section 5.2 & 5.4)  
UL 1286 (only for Part 35.1, 35.2  
& corrosion test 37.3)  
ASTM F2057  
16 CFR 1261  
  
ISTA 1A  
ISTA 1B  
ISTA 1C  
ISTA 1D  
ISTA 1E  
ISTA 1G  
ISTA 1H  
ISTA 2A  
ISTA 2B  
ISTA 2C  
ISTA 3A  
  
ISTA 3B  
ISTA 3E

**Test:****Packaging (continued):**

Packaged Products in Mixed Pallet Loads for Regional Shipment 100 lb (45 kg) or Less

Generalized E-commerce Retailer Fulfillment Test

Fast Moving Consumer Goods in the European Retail Supply Chain

Packaged-Products for Shipment in Known Distribution Channels

Ships in Own Container (SIOC) for Amazon.com Distribution

System Shipment e-Commerce Fulfillment for Parcel Delivery Shipment

FedEx Procedures for Testing Packaged Products Weighing Up to 150 lbs

FedEx Procedures for Testing Packaged Products Weighing More Than 150 lbs

Packaged-Products for Sam's Club Distribution System Shipment

Temperature Test for Transport Packaging

Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads

Standard Test Method for Impact Testing for Shipping Containers and Systems

Vibration Testing of Shipping Containers

Standard Packaging Testing of Shipping Containers and Systems

Random Vibration Testing of Shipping Containers

Bridge Impact Testing

Drop Test of Loaded Containers by Free Fall

Mechanical Handling of Unitized Loads and Large Shipping Cases and Crates

Rough Handling of Unitized Loads and Large Shipping Cases and Crates

Concentrated Impacts to Transport Packages

Determining the Effects of High Altitude on Packaging Systems by Vacuum Method

Detecting Gross Leaks in Packaging by Internal Pressurization (Bubble Test)

Detecting Seal Leaks in Porous Medical Packaging by Dye Penetration

**Test Method(s):**

ISTA 3F

ISTA 3L

ISTA 3K

ISTA 4AB

ISTA 6 – Amazon.com – SIOC

ISTA 6 – Amazon.com – Overboxing

ISTA 6 – FedEx A

ISTA 6 – FedEx B

ISTA 6 – SAMSCLUB

ISTA 7D

ASTM D642

ASTM D880

ASTM D999

ASTM D4169 DC 2, 3, 4, 5, 6, 12, 13, 14, 15, 16, 17

ASTM D4728

ASTM D5265

ASTM D5276

ASTM D6055

ASTM D6179

ASTM D6344

ASTM D6653

ASTM F2096

ASTM F1929

<sup>1</sup>Meets the **BIFMA Compliant®** program requirement that product testing must be conducted in an ISO/IEC 17025 accredited test laboratory with the ANSI/BIFMA standard listed on the scope of accreditation. **BIFMA Compliant®** is an industry-wide registry of furniture products conforming to ANSI/BIFMA safety and durability standards. Accreditation by A2LA to ANSI/BIFMA standards does not infer acceptance in the BIFMA Compliant program. More information about the program and the product registry can be found at <https://www.bifma.org/page/bifma-compliant>.



# 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 20<sup>th</sup> day of February 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 6125.01  
Valid to February 28, 2025  
Revised May 22, 2023

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