



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:

Test Method(s):

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

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

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

ASTM D610
ASTM D714
ASTM D661
ASTM D1654

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

ASTM G154
ASTM D4329
ASTM D6625
ISO 4892

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

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 tests¹
Lounge and Public Seating - All tests¹
Desk/Table Products - All tests¹
Panel Systems - Except for: Section 4 (Flammability)¹
Storage Units - All tests¹
General Purpose Large Occupant Office Chairs - All tests¹
Large Occupant Public and Lounge Seating¹
Educational Seating - All tests¹
Occasional-Use Seating - All tests¹
Small Office/Home Office Furniture¹
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

¹Meets 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 20th 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.