



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:

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
Paints and varnishes Determination of resistance to
cyclic corrosion conditions Part 1: Wet (salt fog)/dry/humid
Laboratory Cyclic Corrosion Test
Salt Fog

Test Method(s):

ASTM B117
ASTM G85 (except Annex A4)
ASTM D2247
ASTM D1735
ISO 11997
SAE J2334
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
Evaluating Degree of Blistering of Paints
Evaluation of Painted or Coated Specimens Subjected to
Corrosive Environments
Powertrain Pressure Spray Wash Test

ASTM D610
ASTM D714
ASTM D1654
GMW16922

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

Test:**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

Measuring Light Stability of Resilient Flooring by Color Change

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

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 – Light Resistance

Standard Test Method for Rubber Property - Durometer Hardness

Plastics, Resins & Rubbers:

Flatwise tensile Strength of Sandwich Construction

Vulcanized Rubber and Thermoplastic Elastomers-Tension

Tensile Properties of Plastics

Flexural Properties of Unreinforced and Reinforced Plastics and
Electrical Insulating Materials

Tensile Properties of Thin Plastic Sheet

Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded
Metal Specimens by Tensions Loading (Metal-to-Metal)

Climbing Drum Peel for Adhesives

Peel Resistance of Adhesives (T-Peel Test)

Face Sheet Properties of Sandwich Constructions by Long Beam
Flexure

Compressive Strength

Brookfield Viscosity

Test Method(s):

ASTM G155

ASTM D2565

ASTM D4459

ASTM F1515

ISO 4892 (*except Cycles 2, 3, and 4*)

SAE J2412

SAE J2527

AATCC 16.3

ASTM D522

ASTM D523

ASTM D2244

ASTM D3359 (Method A and B)

ASTM D3363

ASTM D2794

ASTM D4060

ASTM D4145

NEMA LD-3 Section 3.3

ASTM D2240 (Shore A and Shore
D Hardness)

ASTM C297

ASTM D412

ASTM D638

ASTM D790

ASTM D882

ASTM D1002

ASTM D1781

ASTM D1876

ASTM D7249

Airbus A2MS 532-002 Section
7.9.1

Bombardier BATS-4385, Airbus
A2TS 4385, ASTM D1824

Test:**Plastics, Resins & Rubbers (continued):**

Aerospace Standard Test Methods for Aerospace Sealants Two Component Synthetic Rubber Compounds.

Adhesive, Bonding Vulcanized Synthetic Rubber to Steel

Standard Practice for Preparation of Bar and Rod Specimens for Adhesion Tests

Standard Test Method for Tensile Strength of Adhesives by Means of Bar and Rod Specimens

Standard Specification for Anaerobic Single-Component Adhesives (AN)

Paint, Varnish, Lacquer and Related Materials

Adhesive-Sealants, Silicone, RTV, One-Component

Adhesive-Sealants, Silicone, RTV, Noncorrosive (For use with sensitive Metals and Equipment)

Sealing Compound, Fuel Resistant, Integral Fuel Tanks and Fuel Cell Cavities

Impact Resistance Tests

Retention Performance of Exterior Emblems Test

Climatic Chamber:

Accelerated Aging of Sterile Barrier Systems for Medical Device Packages

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

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

Air Ducts – HVAC System: Temperature & Humidity Stresses (Heat Aging, Humidity Aging, Thermal Cycle Aging, Cold Soak Exposure), Dent Resistance.

Instrument Panel Module Assembly: Environment Resistance (Heat Aging, Humidity Aging, Thermal Cycle, Extended Heat Age – PVC Cast Skin with PU Foam)

Temperature and Humidity Tests

Test Method(s):

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 Crazeing, 8.1 Peel Strength.

Federal Specification MMM-A-121, Section 4.6.1 (Viscosity)
ASTM D2094

ASTM D2095

ASTM D5363

FED-STD-141, Sections 3011, 4331, 4061

MIL-A-46106

MIL-A-46146

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)

GMW14093

GMW16061

ASTM F1980

ASTM D4332

Chrysler LP-463-LB-12-01 (Method A only)

GMW 14124

GMW 14124

ASTM D3103

ASTM F2825

SAE J1455, Sections 4.1.3.2, 4.1.3.1, and 4.2.3

FCA PF-90230 Section 5.1 and 5.2

FCA PF-90223 Section 5.1

GMW15725

Test:**Flammability:**

Flammability

Test Method(s):

FMVSS 302

Furniture:

Tipover Restraint(s) Used with Clothing Storage Unit(s)

General Purpose Office Chairs - All tests¹Lounge and Public Seating - All tests¹Desk/Table Products - All tests¹Panel Systems - Except for: Section 4 (Flammability)¹Storage Units - All tests¹General Purpose Large Occupant Office Chairs - All tests¹Large Occupant Public and Lounge Seating¹Educational Seating - All tests¹Occasional-Use Seating - All tests¹Small 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

ASTM F3096

ANSI/BIFMA X5.1

ANSI/BIFMA X5.4

ANSI/BIFMA X5.5

ANSI/BIFMA X5.6 (*except for Section 4, Flammability*)

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 Section 4.2, 4.3, 4.14)

UL 1286 (only for Part 35.1, 35.2 & corrosion test 37.3)

ASTM F2057

16 CFR 1261

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

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

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

ISTA 3F

ISTA 3L

ISTA 3K (*except carrying test*)

ISTA 4AB

ISTA 6 – Amazon.com – SIOC

Test:

System Shipment e-Commerce Fulfillment for Parcel Delivery Shipment
FedEx Procedures for Testing Packaged Products Weighing Up to 150 lb
FedEx Procedures for Testing Packaged Products Weighing More Than 150 lb
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)

Test Method(s):

ISTA 6 – Amazon.com – Overboxing
ISTA 6 – FedEx A

ISTA 6 – FedEx B (*except Rotary Vibration*)
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 (*except test Method E*)
ASTM D6344
ASTM D6653

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.

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, 2027

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