SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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MECHANICAL

Valid To: February 28, 2023 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
Cyclic Salt Fog/UV Exposure of Painted Metal (Alternating Exposures in a Fog/Dry Cabinet and a UV/Condensation Cabinet)	ASTM D5894
Corrosion tests in artificial atmospheres — Salt spray tests	ISO 9227
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-810G N. 509.5
Corrosion pre and post-test evaluations:	
Evaluating Degree of Rusting on Painted Steel Surfaces	ASTM D610
Evaluating Degree of Blistering of Paints	ASTM D714
Evaluating Degree of Cracking of Exterior Paints	ASTM D661
Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments	ASTM D1654
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
Fluorescent UV-Condensation Exposures of Paints and related coatings	ASTM D4587
Fluorescent Ultraviolet Exposure of Photodegradable Plastics	ASTM D5208
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
Accelerated Exposure of Automotive Exterior Materials Using a Fluorescent UV and Condensation Apparatus	SAE J2020

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
Xenon-Arc Exposures of Paint and Related Coatings	ASTM D6695
Xenon-Arc Exposure Test with Enhanced Light and Water Exposure for Transportation Coatings	ASTM D7869
Deterioration of Geotextiles by Exposure to Light, Moisture and Heat in a Xenon Arc-Type Apparatus	ASTM D4355
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
Textiles — Tests for colour fastness Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test	ISO 105
Colorfastness to Artificial Weathering	GMW 14162
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
Weathering in Dry, Hot Climate	PV 3929
Weathering in Moist, Hot Climate	PV 3930
Visual Deterioration, Xenon Arc Proc. B	FLTM BO 040-01
Exposure of interior trim materials in a controlled irradiance water cooled xenon-arc apparatus	FLTM BO 116-01
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 B only)
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	NEMA LD-3 (para. 3.3, 3.7 & 3.8 only)
Plastics, Resins & Rubbers:	
Flatwise tensile Strength of Sandwich Construction	ASTM C297
Core Shear Properties of Sandwich Constructions by Beam Flexure	ASTM C393
Vulcanized Rubber and Thermoplastic Elastomers-Tension	ASTM D412
Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers	ASTM D624
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

Test:	Test Method(s):
Plastics, Resins & Rubbers (continued):	
Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tensions Loading (Metal-to-Metal)	ASTM D1002
Impact Resistance of Plastic Film by the Free-Falling Dart Method	ASTM D1709 (Method A only)
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
Vapor Barrier Polyethylene Sheet for Use in Building Construction	CAN/CGSB-51.34-M86 (Except for para. 5.2, 5.4 & 5.7)
Rubber Vulcanized or thermal plastic determination of tensile Stress-Strain properties	ISO 37
Medical: (Except for Sterility Tests)	
Poly (vinyl chloride) Gloves for Medical Application	ASTM D5250
Residual Powder on Medical Gloves	ASTM D6124
Nitrile Examination Gloves for Medical Application	ASTM D6319
Accelerated Aging of Sterile Barrier Systems for Medical Devices	ASTM F1980
Single-use sterile rubber surgical gloves	ISO 10282
Single-use medical examination gloves	ISO 11193
Medical gloves - Determination of removable surface powder	ISO 21171
Business Materials:	
Remanufactured Toner Cartridges	CAN/CGSB-53.148
Climatic Chamber:	
Accelerated Aging of Sterile Barrier Systems for Medical Devices	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
Environmental Exposure Resistance – Humidity Cycle Q	GMW 14124
Environmental Exposure Resistance – Environmental Aging Cycle S	GMW 14124
Flammability:	
Test method for determining the flammability of interior trim materials	GMW 3232
Road vehicles, and tractors and machinery for agriculture and forestry — Determination of burning behaviour of interior materials	ISO 3795
Furniture:	
Clothing Storage Units	ASTM F2057
Tipover Restraint(s) Used with Clothing Storage Unit(s)	ASTM F3096
General Purpose Office Chairs - All tests	ANSI/BIFMA X5.1
Vertical Files - All tests	ANSI/BIFMA X5.3
Lounge and Public Seating - All tests	ANSI/BIFMA X5.4
Desk/Table Products - All tests	ANSI/BIFMA X5.5
Panel Systems - Except for: Section 4 (Flammability)	ANSI/BIFMA X5.6
Storage Units - All tests	ANSI/BIFMA X5.9
General Purpose Large Occupant Office Chairs - All tests	ANSI/BIFMA X5.11
Educational Seating - All tests	ANSI/BIFMA X6.1
Occasional-Use Seating - All tests	BIFMA X6.4
Small Office/Home Office Furniture	BIFMA/SOHO S6.5

Test:	Test Method(s):
Furniture (continued):	
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 for: Section 5.2 & 5.4)
Office Furnishings - Glazed panels	UL 1286 (only for Part 35.1, 35.2 & corrosion test 37.3)

Accredited Laboratory

A2LA has accredited

MICOM LABORATORIES INC.

Dorval, 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 5th day of February 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6125.01
Valid to February 28, 2023

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