



**LABORATORY
ACCREDITATION
BUREAU** a division of A-S-B

Certificate of Accreditation

ISO/IEC 17025:2005

Certificate Number L2254

Accelerated Climate Services, Inc.

1121 Invicta Drive, Unit 12

Oakville ON L6H 2R2

has met the requirements set forth in L-A-B's policies and procedures, all requirements of ISO/IEC 17025:2005 "General Requirements for the competence of Testing and Calibration Laboratories".*

The accredited lab has demonstrated technical competence to a defined "Scope of Accreditation" and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Accreditation valid through: May 18, 2016

R. Douglas Leonard, Jr., President, COO
Laboratory Accreditation Bureau
Presented the 30th of July 2013

*See the laboratory's Scope of Accreditation for details of accredited parameters

**Laboratory Accreditation Bureau is found to be in compliance with ISO/IEC 17011:2004 and recognized by ILAC (International Laboratory Accreditation Cooperation) and NACLA (National Cooperation for Laboratory Accreditation).
Form 28.1 - Rev 1 7/3/13

Scope of Accreditation For Accelerated Climate Services Inc.

1121 Invicta Drive, Unit 12
Oakville, ON L6H 2R2
Wayne Randle
416-569-1628

In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Accelerated Climate Services Inc.** to perform the following tests:

Accreditation granted through: **May 18, 2016**

Testing – Environmental Simulation

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Xenon-Arc Accelerated Weathering / Light Resistance		ASTM G155	Metallic Materials Indoor or Outdoor	Table X3.1, Exposure Cycles 1 to 7 or Custom Exposure Cycle
Xenon-Arc Accelerated Weathering		ASTM D2565	Plastics for Outdoor Applications	Table 1, Exposure Cycles 1 to 5 or Custom Exposure Cycle
Fluorescent UV Light Weathering / Light Resistance		ASTM G154	Non-Metallic Materials Indoor or Outdoor	Table X2.1 Exposure Cycle 1 to 8 or Custom Exposure Cycle
Solar Simulation Metal Halide		DIN 75220	Polymer Vehicle Interior/Exterior Components	Dry Climate Cycle, Humid Climate Cycle
Solar Simulation Metal Halide		MIL STD 810	Materials Applied In Hot Dry/Humid Climates	Method 505.4, Procedure II-Steady State Actinic Effects
Xenon-Arc Accelerated Light Resistance		Volkswagen PV 1303	Automotive Passenger Compartment Non-Metallic Materials	Section 5.3.5: Ci35 Non - Turning Dry Cycle Exposure

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Xenon-Arc Accelerated Light Resistance		SAE J2412 (SAE J1885)	Automotive Passenger Compartment Non-Metallic Materials	Radiant Dosage and Test Segments also Listed In SAE J1885
Xenon-Arc Accelerated Weathering		SAE J2527 (SAE J1960)	Automotive Exterior Materials	Radiant Dosage and Test Segments also Listed In SAE J1960
Xenon-Arc Accelerated Ageing		Toyota Engineering Standard, TSL 0601G,	Automotive Interior Materials	Section 5.5, Methods B & E (Xenon Lamp using Ci35, Ci65 or Ci4000 Weather-ometer™)
Xenon-Arc Accelerated Weathering / Light Resistance		Toyota Engineering Standard, TSM 0501G	Automotive Plastic Molding Materials (Interior/Exterior)	Section 9.20, Accelerated Weather / Light Resistance Tests
Xenon-Arc Accelerated Weathering		Toyota Engineering Standard, TSH 1585G	Paint Films on Metallic/Non-Metallic Substrates	Section 2.3, Type III Xenon-Arc Tester Test Method A
Xenon-Arc Accelerated Light Resistance		ANSI/NEMA LD3	High Pressure Decorative Laminates	Section. 3.3 Light Resistance,
Weatherability and Light Resistance		Nissan Engineering Standard, NES M0135	Automotive Synthetic Resin Parts	Section 5.3, Method II Xenon Weather-ometer™
Color Measurement	CIELAB, CIELCH	ASTM D2244	Metallic/Non-Metallic Materials/Indoor or Outdoor	Large (25.4 mm) and small (2.54 mm) area aperture
Gloss measurement	0.5 to 107 GU	ASTM D523	Metallic/Non-Metallic Materials/Indoor or Outdoor	60° Geometry

Notes:

- 1) This laboratory offers commercial testing services

Approved by: 
R. Douglas Leonard
Chief Technical Officer

Date: June 2, 2014