



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

NEW JERSEY INDUSTRIAL CONTROLS, LLC
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MECHANICAL

Valid To: February 28, 2021

Certificate Number: 2250.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following activities used in the performance of weathering and fade testing¹:

Atlas Water-Cooled Xenon Arc Weather-Ometer® or Fade-Ometer®
Sunshine Carbon-Arc Atlas² Weather-Ometer®
Enclosed Carbon Arc Weather-Ometer® or Fade-Ometer®

PARAMETER BASED SCOPE^{1, 3, 5}

Type of Test	Measurement/ Test Parameter	Measurement and Testing Range
Exposure Weathering and Fade Testing with Weather-Ometer® or Fade-Ometer®	Irradiance	Ci3000 340 nm - (0.25 to 1.61) W/m ² 420 nm - (0.70 to 3.09) W/m ² (300 to 400) nm - (30 to 181) W/m ² Ci4000 / Ci35 340 nm - (0.25 to 1.57) W/m ² 420 nm - (0.59 to 3.0) W/m ² (300 to 400) nm - (30 to 183) W/m ² Ci5000 / Ci65 340 nm - (0.2 to 1.38) W/m ² 420 nm - (0.67 to 3.11) W/m ² (300 to 400) nm - (26 to 166) W/m ² CPS+ / XLS+ (300 to 800) nm - (245 to 1300) W/m ²

Type of Test	Measurement/ Test Parameter	Measurement and Testing Range
Exposure Weathering and Fade Testing with Weather-Ometer® or Fade-Ometer®	Irradiance AC Voltage Measurement AC Current Measurement AC Power Measurement Chamber Air Temperature Black Panel Temperature Chamber Relative Humidity	XE3 340 nm - (0.2 to 1.38) W/m ² 420 nm - (0.67 to 3.11) W/m ² (300 to 400) nm - (26 to 166) W/m ² QUV-SE ⁴ 310 nm - (0.35 to 1.38) W/m ² 340 nm - (0.45 to 1.80) W/m ² (10 to 200) V (10 to 100) A (2 to 12) kW (-40 to 240) °C (15 to 125) °C (10 to 97.3) % RH

The laboratory is only accredited for the (exposure and weathering activities) listed above. The accredited exposure and weathering activities are performed in accordance with the standards listed below. The inclusion of these standards on this Scope is for informational purposes only and does not confer laboratory accreditation to the standards nor does it confer accreditation for the method(s) embedded within them.²

¹ Please reference the following test methods for the parameter-based scope:

REFERENCE STANDARDS APPLICABLE TO THE PARAMETER BASED SCOPE OF ACCREDITATION

Test methods known to utilize the above measurement capabilities and the Atlas water-cooled xenon arc Weather-Ometer ® or Fade-Ometer ® or Q-Lab XE3⁴ include:

AATCC TM16, AATCC TM169
ASTM G26, ASTM G155, ASTM C1442, ASTM D2565, ASTM D3424, ASTM D3451,
ASTM D4303, ASTM D4459, ASTM D4798, ASTM D5071, ASTM D6551, ASTM D6695,
ASTM D6789
Chrysler LP 463 PB 16 01, Chrysler LP 463 PB 17 01
CPAI 84-7
FED-STD-191/4804, FED-STD-191A/5804
Ford BO 101-01, Ford BO 101-03
ISO 105 B02, ISO 105 B04, ISO 105 B06, ISO 11341, ISO 3917, ISO 12040, ISO 4892-2
JASO M346
GME 60292, GMW 14162, GMW 14650, GM 9125P, GM 9327P
Mazda MES PW PT001G, Mazda MES MN 201
MIL-STD 810 G
Nissan MO135
Renault D47 1431
SAE J1960, SAE J1885, SAE J2412, SAE J2527
Toyota TSM0501G, Toyota TSM5523G
UL746C, UL1191, UL1581
VDA 75202, VDA 621-429 VSI (Vinyl Siding Institute)
Peugeot D27 1389
Volkswagen VW PV 1211, Volkswagen VW PV 1303, Volkswagen VW PV 1306,
Volkswagen VW PV 3929, Volkswagen VW PV 3930

Test methods known to utilize the above measurement capabilities and the Sunshine carbon-arc Atlas Weather-Ometer ® include:

AATCC TM111, AATCC TM192
ASTM G23, ASTM D822, ASTM G152, ASTM D1499
CA Title 19
FED-STD-191/5671.1
JSA JIS B 7753, JSA JIS D 0205
NFPA 701
Nissan MO135
SAE J4C
Toyota TS H158 2G, Toyota TSM0501G, Toyota TSM5523G

Test methods known to utilize the above measurement capabilities and the Atlas Enclosed Carbon Arc Weather-Ometer ® or Fade-Ometer ®:

ASTM G23, ASTM G153, ASTM D529
FED-STD-141A/6151
JSA JIS D 0205, JSA JIS B 7751
Toyota TSM5523G

Test methods known to utilize the above measurement capabilities and the Q-Lab QUV-SE⁴ Fluorescent Weathering Chamber:

ASTM G154

² Pre & Post exposure testing or evaluations are not covered by accreditation

³ Also using customer specified methods within parameters above.

⁴ Q-Lab, XE3, and QUV-SE instruments are registered trademarks of Q-Lab Corporation, West Lake, OH

⁵ This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

GME 60292 (Superseded)
GM 9125P (Withdrawn 05/2013)
GM 9327P (Superseded)
SAE J1960 (Superseded)
SAE J1885 (Superseded)



Accredited Laboratory

A2LA has accredited

NEW JERSEY INDUSTRIAL CONTROLS, LLC

Dover, NJ

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 24th day of April 2019.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2250.02
Valid to February 28, 2021
Revised December 16, 2020

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