



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRIALON CORPORATION  
Indiana Testing and Validation Center  
1815 Touby Pike  
Kokomo, IN 46901

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MECHANICAL

Valid To: May 31, 2020

Certificate Number: 1123.05

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests:

**Test Type/Test Description**

**Test Method**

***Temperature Steady State Cycle (-70 to 175) °C<sup>1</sup>***

High Temperature Exposure	MIL-STD-202, Rev G, Method 108
High Temperature	MIL-STD-810, Rev C - G, Method 501
Low Temperature	MIL-STD-810, Rev C - G, Method 502
Temperature Cycling	SAE J1455
Power Temperature Cycling	GMW 3172

***Thermal Shock (-70 to 175) °C<sup>1</sup>***

Temperature Shock	MIL-STD-810, Rev C - G, Method 503
Thermal Shock	MIL-STD-202, Rev G, Method 107
Thermal Shock	GMW 3172
Thermal Shock	SAE J1455

***Humidity – Steady State – Cycle – Transfer  
(10 to 97) %RH<sup>1</sup>***

Moisture Resistance	MIL-STD-202, Rev G, Method 106
Humidity	MIL-STD-810, Rev C - G, Method 507
Humidity Test	SAE J1455
Humidity Heat Cyclic (HCC)	GMW 3172
Humidity Heat Constant (HHCO)	GMW 3172

**Test Type/Test Description**

**Test Method**

***Salt or Water – Fog – Mist – Spray***

Salt Atmosphere	MIL-STD-202, Rev G, Method 101
Salt Atmosphere	ASTM B117
Accelerated Corrosion	GM9540P <sup>2</sup>
Salt Fog	MIL-STD-810, Rev C - G, Method 509
Salt Spray Method B	GMW 3172
Cyclic Corrosion	GMW 14872

***Dust – Using ISO 12103-1, A2 (Fine Grade) or ISO 12103-1, A4 (Coarse Grade)***

Dust Test	GMW 3172
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***Immersion – Water***

Immersion	SAE J1455
Steam Clean & High Pressure Washing	DIN 40050-9e; IEC 60529; ISO 20653

***Mechanical Force – Tensile/Compression <sup>1</sup>***

Tensile/Compression: Up to 2K	GMW 3172
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***Compatibility / Resistance / Exposure to Fluids – Water – Solvents***

Fluid Compatibility	GMW 3431
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***Materials Test***

Resistance to Crocking	SAE J861
Tape Adhesion	GM 9071P <sup>2</sup>
Knife Cross-hatch Adhesion Test	GM 9502P <sup>2</sup>
Abrasion Resistance (Taber)	GM 9515P <sup>2</sup>
Odor	SAE J1351

***Flammability***

Flammability	FMVSS 571.302
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***Drop***

Free Fall	GMW 3172
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**On the following products or types of products:**

Automotive, Aerospace, Military and Electrical/Electronic/Mechanical components and assemblies.

<sup>1</sup> Also using the customer supplied test methods directly related to the test methods and equipment parameters listed above.

<sup>2</sup> 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.





# Accredited Laboratory

A2LA has accredited

## TRIALON CORPORATION

*Kokomo, IN*

for technical competence in the field of

### Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 26<sup>th</sup> day of July 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 1123.05  
Valid to May 31, 2020  
Revised September 27, 2018

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