



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TRIALON CORPORATION
Indiana Testing and Validation Center
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MECHANICAL

Valid To: September 30, 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) °C¹

High Temperature Exposure

MIL-STD-202, Rev G, Method 108;
USCAR-2

High Temperature

MIL-STD-810, Rev C - G, Method 501;
USCAR-2

Low Temperature
Temperature Cycling

MIL-STD-810, Rev C - G, Method 502
SAE J1455;
USCAR-2

Power Temperature Cycling

GMW 3172

Thermal Shock (-70 to 175) °C¹

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

Thermal Shock

USCAR-2

***Humidity – Steady State – Cycle – Transfer
(10 to 97) %RH¹***

Moisture Resistance

MIL-STD-202, Rev G, Method 106

Humidity

MIL-STD-810, Rev C - G, Method 507, USCAR-2

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

GM9540P²

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

Immersion – Water

Immersion

SAE J1455

Submersion

USCAR-2

Steam Clean & High Pressure Washing

DIN 40050-9e;

IEC 60529;

ISO 20653;

USCAR-2

Mechanical Force – Tensile/Compression¹

Tensile/Compression: Up to 2K

GMW 3172, USCAR-2

Compatibility / Resistance / Exposure to Fluids – Water – Solvents

Fluid Compatibility

GMW 3431;

Fluid Resistance

USCAR-2

Materials Test

Resistance to Crocking

SAE J861

Tape Adhesion

GM 9071P²

Knife Cross-hatch Adhesion Test

GM 9502P²

Abrasion Resistance (Taber)

GM 9515P²

Odor

SAE J1351

Mating/Un-mating-Connectors

USCAR-2

Visual Inspection

USCAR-2

Flammability

Flammability

FMVSS 571.302

Drop

Free Fall

GMW 3172;

Connector Drop Test

USCAR-2

On the following products or types of products:

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

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

² 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 26th day of July 2018.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1123.05
Valid to September 30, 2020
Revised August 24, 2020

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