



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

WEISS TECHNIK NORTH AMERICA, INC.
MICHIGAN TEST LABORATORY
44461 Phoenix Drive
Sterling Heights, MI 48314
Robert Vanover Phone 513 582 1924
robert.vanover@weiss-technik.com

MECHANICAL

Valid To: July 31, 2024

Certificate Number: 0503.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the types of tests listed on the following products or types of products: Aircraft, automotive, computer, electronics, and transit systems; commercial assemblies/components; metals and alloys; heat exchangers; packaging and containers; plastics and polymers; paints and coatings;

Test Description:

Test Method(s)/Standard(s):

Environmental/Durability Simulation

High/Low Temperature¹: (-70 to 190) °C

Nissan 98560NDSOO;
MIL-STD-810G Methods 501, 502

Humidity¹: (10 to 98) % RH

Toyota TSF6769G; Nissan 98560NDSOO;
MIL-STD-810G Method 507

Drop

Honda S5AA; SAE-USCAR-24;
Mazda MES PA 57K80;
MIL-STD-810G Method 516

Thermal Shock¹: (-70 to 190) °C

Honda S5AA; Toyota TSF6761G;
Nissan 98560NDSOO;
MIL-STD-810G Method 503

Shock¹: Up to 100 G's

GMW3118; Nissan 98561NDSO;
Nissan 98560NDSOO;
MIL-STD-810G Method 516

Test Description:

Test Method(s)/Standard(s):

Environmental/Durability Simulation (cont.)

Vibration¹: (5 to 2,250) Hz with Combined Environmental

Temperature: (-70 to 190) °C

RH: (10 to 95) %

Sine: 12,500 lbf.

Random: 12,500 lbf.

Stroke: 2.5 inch peak to peak

GMW3172; Honda S5AA; Nissan 98560NDSOO;
MIL-STD-810G Method 520

Salt Spray, Salt Fog, CCT

ASTM B117; GMW3172;
MIL-STD-810G Method 509

Pre and Post Test Analysis¹:

Electrical Resistance: 2.0 Ω to 100 MΩ

GMW3118

Altitude: (-60 to 160) °C
(-1,000 to 100,000) ft

SAE J1455

¹ Also using customer supplied specifications utilizing any combination of test equipment parameters listed above.





Accredited Laboratory

A2LA has accredited

WEISS TECHNIK NORTH AMERICA, INC. MICHIGAN TEST LABORATORY

Sterling Heights, MI

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 4th day of August 2022.

A blue ink signature of Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0503.02
Valid to August 31, 2024

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