SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

WEISS TECHNIK NORTH AMERICA, INC.
CINCINNATI TEST LABORATORY
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Cincinnati, OH 45241
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MECHANICAL

Valid To: July 31, 2024 Certificate Number: 0503.01

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; medical assemblies; paints and coatings:

Test Description:	Test Method(s)/Standard(s)[1]:
Environmental/Durability Simulation	
High/Low Temperature: (-75 to 190) °C	ASTM D5516 (Section 7.1.2); Hyundai ES84500-14; Chrysler PF9007; MIL-STD-810G Methods 501 and 502
Humidity: (10 to 95) %RH	ASTM D5516 (Section 7.1.2); SAE USCAR-24; MIL-STD-810G Method 507
Thermal Shock: (-75 to 190) °C	Chrysler PF9007; GMW3112; MIL-STD-810G Method 503
Shock: Up to 80 G's, 11 ms.	IEC 60068-2-27; GMW3118; SAE USCAR-24; MIL-STD-810G Method 516
Vibration: (5 to 2,250) Hz with Combined Environmental Temperature: (-73 to 190) °C Humidity: (10 to 95) %RH Sine: 8,000 lbf. Random: 6,000 lbf.	IEC 60068-2-6, IEC 68-2-35; SAE USCAR-24; MIL-STD-810G Method 520

Test Description:	Test Method(s)/Standard(s)[1]
Environmental/Durability Simulation (*cont.*)	
Salt Spray	ASTM B117; SAE USCAR-24; MIL-STD-810G Method 509; MIL-STD-331B
Drop Test	SAE USCAR-24; AK-LV-03; Chrysler PF9007; MIL-STD-810G Method 516
Pre and Post Analysis: Electrical Resistance: 0.10 Ω to 100 MΩ	SAE USCAR-24
Altitude Simulation (-1500 to 100,000) ft	AK-LV-03; MIL-STD-810G Method 520; RTCA/DO160
HALT/HASS Temperature: (-100 to 200) °C Level: (1 to 90) grms Random Vibration: (5 to 10,000) Hz	GMW3172

[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.
CINCINNATI TEST LABORATORY

Cincinnati, OH

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 25th day of July 2022.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0503.01
Valid to July 31, 2024

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