

"World Class Accreditation"

The American Association for Laboratory Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CINCINNATI SUB-ZERO PRODUCTS TESTING DIVISION, INC.  
44461 Phoenix Drive  
Sterling Heights, MI 48314  
Lonnie Orr Phone 586 997 3589

MECHANICAL

Valid To: July 31, 2012

Certificate Number: 0503.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the 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 Temperature: (-70 to +190)°C

Humidity: (10 to 98)%

Drop

Thermal Shock: (-70 to 190)°C

Shock: up to 80 g's

Vibration: 5 to 3000 Hz with combined  
environmental temperature: (-70 to +190)°C;  
RH (10 to 95)%

Sine: 12,500 force lbs.

Random: 12,500 force lbs.

Salt Spray, Salt Fog, CCT

Pre and Post Test Analysis:

Electrical Resistance: 0.10 Ohm to 100 Mohm

Nissan 98560NDSOO;

MIL-STD-810F Methods 501.4, 502.4

Toyota TSF6769G; Nissan 98560NDSOO;

MIL-STD-810F Method 507.4

Honda S5AA; SAE-USCAR-24;

Mazda MES PA 57K80; MIL-STD-810F Method 516.5

Honda S5AA; Toyota TSF6761G;

Nissan 98560NDSOO;

MIL-STD-810F Method 503.4

Nissan 98561NDSO; GMW3118;

Nissan 98560NDSOO;

MIL-STD-810F Method 516.5

GMW3172; Honda S5AA; Nissan 98560NDSOO;

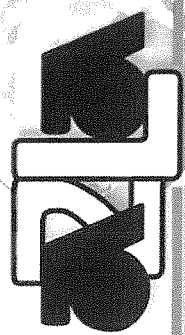
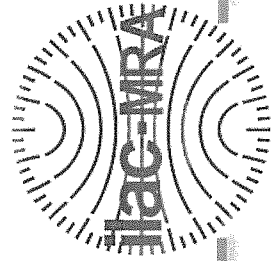
MIL-STD-810F Method 520.2

ASTM B117; GM9540P;

MIL-STD-810F Method 509.4

GMW3118

Also using customer specific test methods utilizing any combination of test equipment parameters listed above.



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# Accredited Laboratory

A2LA has accredited

## CINCINNATI SUB-ZERO PRODUCTS TESTING DIVISION, INC.

*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 17025:2005 *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 8 January 2009*).

Presented this 30th day of June 2010.

  
President & CEO

For the Accreditation Council  
Certificate Number 0503.02  
Valid to July 31, 2012



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