CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Environment Associates, Inc.
2300 West Cape Cod Way
Santa Ana, CA 92703

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 13 June 2024
Certificate Number: L2140.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Environment Associates, Inc.
2300 West Cape Cod Way
Santa Ana, CA 92703
Q.A. Director/Q.A. Rep – Steve Hollinger
818 709 0568

TESTING

Valid to: **June 13, 2024** Certificate Number: **L2140.01**

Environmental Simulation

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Thermal (-65 to 100) °C	MIL-STD-883 Method: 1011 MIL-STD-810 Method: 501 MIL-STD-202 Method: 107 IEC 60068-2-1, 2-2, 2-14 RTCA/DO 160	Various	Cycling (High, Low), Temperature, Temperature Shock & Resistance to Solder Heat.
Combined Environment (-65 to 100) °C Up to 98% RH 150k ft	MIL-STD-810 Method: 520	Various	Temperature, Altitude & Humidity
Altitude Site to 100k ft	MIL-STD-810 Method: 500 IEC 60068-2-13 RTCA/DO 160 ASTM D4169, D6653	Various	Altitude & Temperature / Altitude
Humidity Up to 98% RH	MIL-STD-810 Method: 507 MIL-STD-202 Method: 103,106 RTCA/DO 160 IEC 60068-2-30, 2-78	Various	Humidity-Temperature & Moisture Resistance
Salt Spray A/R	MIL-STD-883 Method: 1009 MIL-STD-810 Method: 509 MIL-STD-202 Method: 101 IEC 60068-2-11 ASTM B117 RTCA/DO-160	Various	Salt Spray, Salt Fog & Corrosion

Environmental Simulation

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Fluid Susceptibility A/R	MIL-STD-810 Methods: 504, 512 MIL-STD-202 Methods: 104, 215 RCTA/DO-160	Various	Fluid & Chemical Exposure
Rain	MIL-STD-810 Methods: 506, 521 RTCA/DO 160	Various	Rain Exposure, Freezing Rain
Conditioning	MIL-STD-202 Method: 108	Various	Ambient or Specified

Vibration and Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Vibration (0.5 to 100) g Sine (0.5 to 80) g RMS	MIL-STD-167 MIL-STD-810 Methods: 514, 519, 528 MIL-STD-883 Method: 2007 MIL-STD-202 Methods: 201, 204, 214 IEC 60068-2-6, 2-64 RTCA/DO 160 ASTM D4169, ASTM D999 ASTM D4728	Various	Sine, Random, Sine on Random & Gunfire Vibration
Mechanical Shock 1500 g Max	MIL-STD-883 Method: 2002 MIL-STD-810 Method: 516 MIL-STD-202 Methods: 207, 213 IEC 60068-2-27 RTCA/DO 160	Various	Pyrotechnic Shock, Specified Pulse & Mechanical
Impact / Drop A/R	MIL-STD-202 Method: 203 IEC 60068-2-31 ASTM D4169, ASTM D880 ASTM D5276, ASTM D5277 ASTM D6179, ASTM D6344	Various	Corner Drop, Edge Drop, Flat Drop & Impact

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2140.01.
2. This laboratory offers commercial testing service.
3. Comparable methods of the prior revisions of the documents listed on this scope may be used.
4. Customer specifications derived from the technologies listed above may be used.

R. Douglas Leonard Jr., VP, PILR SBU