



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MET LABORATORIES, INC.
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MECHANICAL

Valid to: January 31, 2019

Certificate Number: 0591.05

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory listed above to perform the following Environmental Simulation tests:

Test Technology:

Test Method(s):

Acoustic Pressure (Sound
Pressure Level / Sound Power
Level)

GR-63; GR-487;
ETSI EN 300 753;
ISO 7779; ISO 3744; ISO 9295

Airborne Contamination
(Mixed Flowing Gas and Hygroscopic Dust)

GR-63; GR-487;
ASTM B827; ASTM B810;
IEC 60068-2-60

Altitude
(Up to 70,000 Feet)
(-40 to 90) °C

GR-63;
RTCA/DO-160 D & E Section 4.0;
MIL-STD-810 D - G Method 500.4;
MIL-STD-202 F & G Method 105C

Drop / Shock Tests (Free Fall)

ASTM D5276;
IEC 60068-2-32;
GR-63; GR-487;
ETSI EN 300-019-2-1 through -8;
MIL-STD-810 D - G Method 516.5, Proc. IV & VI

Dust Test

MIL-STD-810 Method 510.4 (Settling Dust);
IEC 60529 IP5X & IP6X

Enclosure Integrity

NEMA 250;
IEC 60529

Flame Spread and Analysis
(of Electrical Products and
Components)

GR-63;
ANSI T1.319:2002;
Verizon SIT.NEBS.RQS.NPI.2004.019

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Test Technology:

Humidity (Moisture Resistance)
/ Humidity Aging

Icing

Illumination

Immersion

Lawn Sprinklers

Mechanical Shock
(Up to 100 g's and 6 mSec for
Electrodynamic Shaker)
(Up to 500 g's and 6 mSec for Avco Shock
Test Machine)

Mechanical Vibration

Salt Spray and Corrosion

Test Method(s):

GR-63; GR-487;
RTCA/DO-160 D & E Section 6.0;
MIL-STD-810 D - G Method 507.4;
MIL-STD-202 F & G Methods 103B and 106G;
MIL-STD-883 F & G;
IEC 60068-2-30; IEC 60068-2-56;
ETSI EN 300-019-2-1 through -8

NEMA 250;
MIL-STD-810 D - G Method 521.2;
RTCA/DO-160 D & E Section 24.0

GR-63, 5.7.1, Test 1

MIL-STD-202 F & G Method 104A;
MIL-STD-810 D - G Method 512.4;
GR-49

GR-487

GR-487; GR-63;
MIL-STD-810 D - G;
MIL-STD-202 D - G;
MIL-STD-883 D - G;
IEC 60068-2-27; IEC 60068-2-29;
ETSI EN 300-019-2-1 through -8;
ETS 300-019-2-3;
RTCA/DO-160 D & E Section 7.0

GR-63; GR-487;
MIL-STD-810 D - G;
MIL-STD-202 F & G;
MIL-STD-883 F & G;
RTCA/DO-160 D & E Section 8.0;
MIL-STD-202 F & G Methods 201, 204 and 214;
MIL-STD-167-1, 167-1A, Type 1;
ASTM D3580; ASTM D4728;
IEC 60068-2-6; IEC 60068-2-36;
IEC 60721-3-4;
ETSI EN 300-019-2-1 through -8

GR-487;
RTCA/DO-160 D & E Section 14.0;
MIL-STD-810 D - G Method 509.4;
MIL-STD-202 F & G Method 101E;
NEMA 250;
UL 1332;
ASTM G85; ASTM B117



Test Technology:

Test Method(s):

Earthquake Resistance / Seismic

GR-63; GR-487;
ETSI EN 300-019-2-3;
ETSI EN 300-019-2-4;
ICC-ES-AC156

Thermal Shock

GR-487;
GR-63;
MIL-STD-810 D - G Method 503.4;
MIL-STD-202 F & G Method 107G;
MIL-STD-883 F & G Method 1011.9;
ASTM D3332

Solar Radiation

GR-487 (Heat Strips); GR-3108 (Solar Lights)

Temperature Cycling
High / Low Temperature

GR-63; GR-487;
IEC 60068-2-1; IEC 60068-2-14; IEC 60068-2-2;
RTCA/DO-160 D & E Sections 4.0 and 5.0;
MIL-STD-810 D - G Methods 501.4 and 502.4;
MIL-STD-202 F & G Method 108A;
MIL-STD-883 F & G Method 1010.7;
ETSI EN 300-019-2-1 through -8;
NEMA 250

Compression

GR-950;
ISTA 2A, 3A;
ASTM D4169

Water Immersion

IEC 60529;
MIL-STD-810

Waterproofness / Rain

RTCA/DO-160 D - G Section 10.0;
MIL-STD-108 E;
MIL-STD-810 D - G Method 506.4;
IEC 60529; IEC 60068-2-18;
NEMA 250

Wind Resistance

GR-487

Halt / Hass Test

ESWU-68

On the following products or types of products: Information Technology Equipment, Telecommunications Equipment, Office Equipment, Military Equipment, Medical Equipment, Power Generation Equipment, Household Appliances, Materials, Batteries, Aerospace Equipment, Audio/Visual equipment.





Accredited Laboratory

A2LA has accredited

MET LABORATORIES, INC.

Union City, CA

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 1st day of June 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 0591.05
Valid to January 31, 2019

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