



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

QUALTEST, INC.
5325 Old Winter Garden Rd.
Orlando, FL 32811-1520
Todd Scarborough Phone: 407 293 5844

MECHANICAL

Valid To: September 30, 2013

Certificate Number: 1805.01

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

Tests

Test Methods

Temperature/Altitude	MIL-STD 810: Method 500, Procedures I and II
Rapid Decompression	MIL-STD 810: Method 500, Procedure III
Temperature/Altitude	RTCA/DO-160: Section 4.6.1
Decompression	RTCA/DO-160: Section 4.6.2
Overpressure	RTCA/DO-160: Section 4.6.3
High Temperature	MIL-STD 810: Method 501
High Temperature	RTCA/DO-160: Sections 4.5.3, 4.5.4, and 4.5.5
Low Temperature	MIL-STD 810: Method 502
Low Temperature	RTCA/DO-160: Sections 4.5.1 and 4.5.2
Temperature/Thermal Shock	MIL-STD 810: Method 503
Temperature/Thermal Shock	MIL-STD 202: Method 107
Temperature Variation	RTCA/DO-160: Section 5
Solar Radiation (Sunshine)	MIL-STD 810: Method 505 (Heat Effects w/o Reflectance Check)
Blowing Rain	MIL-STD 810: Method 506, Procedure I
Drip	MIL-STD 810: Method 506, Procedure III
Humidity	MIL-STD 810: Method 507
Humidity	RTCA/DO-160: Section 6
Salt Fog	MIL-STD 810: Method 509
Salt Fog	ASTM B117
Blowing Sand	MIL-STD 810: Method 510, Procedure II
Blowing Dust	MIL-STD 810: Method 510, Procedure I
Blowing Dust	RTCA/DO-160: Section 12.4 (Category D)
Explosive Atmosphere	MIL-STD 810: Method 511, Procedure I
Explosive Atmosphere	RTCA/DO-160: Sections 9.7.2 and 9.7.3 (Categories E and H)
Immersion	MIL-STD 810: Method 512
Acceleration	MIL-STD 810: Method 513
Acceleration	RTCA/DO-160: Section 7 (Sustained)
Sine and/or Random Vibration	MIL-STD 810: Method 514
Sine and/or Random Vibration	RTCA/DO-160: Section 8
Loose Cargo Vibration	MIL-STD 810: Method 514, Procedure II
Classical/SRS Mechanical Shock	MIL-STD 810: Method 516, Procedures I, II, III, and V

Tests

Classical Mechanical Shock
Classical Mechanical Shock
Packed/Unpacked Drop
Icing/Freezing Rain
Icing/Freezing Rain
Spray Proof
Dry Heat
Damp Heat
Low Temperature
Thermal Shock
Drop on Hard Surface
Vibration
Rain and Spray
Immersion
Corrosion (Salt Mist)
Icing
Impulse

Test Methods

RTCA/DO-160: Section 7 (Impulse)
MIL-STD 202: Method 213
MIL-STD 810: Method 516, Procedures IV and VI
MIL-STD 810: Method 521
RTCA/DO-160: Section 24
RTCA/DO-160: Section 10
IEC 60945/Ed4, Section 8.2
IEC 60945/Ed4, Section 8.3
IEC 60945/Ed4, Section 8.4
IEC 60945/Ed4, Section 8.5
IEC 60945/Ed4, Section 8.6.1
IEC 60945/Ed4, Section 8.7
IEC 60945/Ed4, Section 8.8
IEC 60945/Ed4, Section 8.9
IEC 60945/Ed4, Section 8.12
RTCA/DO-160: Section 24 (Categories A, B, C)
SAE ARP1383

Also using customer-specified methods directly related to the types of tests listed above.

Industries served:

Aerospace; Defense; Telecommunications; Electrical; Electronics; Automotive; Information Processing;
Scientific Instruments; Machinery and Tools with Appropriate Tailoring





The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

QUALTEST, INC.

Orlando, FL

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 11th day of November 2011.



A handwritten signature in black ink, reading "Peter M. Meyer".

President & CEO
For the Accreditation Council
Certificate Number 1805.01
Valid to September 30, 2013

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