

# Environmental Testing

A full range of cost-effective environmental testing services



Exporior Laboratories is an experienced testing laboratory offering a full range of environmental test services for all industries. Comprehensive in-house test capabilities range from climatic and environmental tests to mechanical and material tests.

- Vibration (sine, random, search and dwell, gunfire, forces of up to 60g and payloads of up to 800kg)
- Mechanical shock (half sine, saw-tooth, SRS, up to 3000g)
- Temperature cycling (-170°C to +300°C, including fast ramp rates)
- Temperature humidity cycling and thermal shock chambers
- Tensile and compression testing up to 5000 lbs.
- Walk-in-chamber up to 800 cubic feet for temperature / humidity testing
- Hydrostatic pressure tests
- Sand and dust testing
- Altitude and low pressure tests
- Material testing capabilities for flammability, salt fog, fluid exposures, chemical resistance, Rockwell hardness, etc.
- Contact force and torque tests for various applications
- Mechanical stress tests for cables, connector joints and mechanisms

All testing is conducted in strict accordance with standardized test methods including the EIA-364 series of electrical connector test methods, MIL-STD-750, MIL-STD-810 and MIL-STD-1344 – as well as many others.

Exporior is an ISO/IEC-17025:2005 accredited testing facility with industry certifications from the Defense Supply Center Columbus (MIL-STD-790 certified facility) and Verizon Communications (certified FOC-ITL). Testing is conducted in strict accordance with standardized test methods including commercial, military and international standards.

**Exporior Laboratories** . . . helping customers ensure the reliability of their products and reduce the overall time-to-market.