



ENVIRONMENTAL TESTING

LabTest Certification Inc. provides manufacturers with Environmental Testing services for evaluating their products to withstand various environmental conditions. With the harmonization of national and international standards, environmental requirements are becoming increasingly mandatory for all product categories.

In addition to environmental testing, required by safety and performance standards, LabTest also provides testing for Research & Development projects.

Covered Standards:

- 46 USCG CFR 162.060-30
- NEMA 250 Enclosures as per UL 50 and CSA-C22.2 No. 94
- IP Rating as per IEC/EN 60529
- MIL-STD-810, Department of Defence Test Method Standard: Environmental Engineering Considerations and Laboratory Tests
- IEC/EN 60945 – Environmental Testing for Marine Equipment
- NEMA TS 2, Traffic Controller Assemblies
- NEBS GR-63-CORE, Physical protection
- DNVGL-CG-0339, Electronic and programmable equipment and systems
- MIL-STD-202, Standard Electronic and Electrical Component Parts
- IEC 60068 series, Environmental testing
- AC156, Seismic Certification by Shake-table Testing of Nonstructural Components

Environmental Testing Services:

- Altitude Testing
- Vibration Testing
- IP Testing
- Random Shock Testing
- Corrosion & Protective Coatings
- Chemical Testing
- Exposure/Accelerated Aging Testing
- Solar Radiation
- Microscopy
- Temperature & Humidity
- Blowing Rain
- Blowing Sand & Dust
- Settling Dust



- > Sample capability up to 2,000+ lbs
- > 3-axis Testing capability
- > DC-3 to 4000 Hz frequency range
- > 60,000 N Force rating