ISRAEL TESTING LABORATORIES
Global Certifications You Can Trust

Over 25 Years of experience

Environmental & Reliability

ITL provides a vast range of Environmental Testing services: Military, Medical, Datacom, Alarm, Machinery, Consumer Products & more.
ITL provides tests for the reliability of systems & components. There are requirements to analyze the systems & components in the environment that they are expose to and in a simulated life cycle.
The reliability of the systems & components has an impact beginning in the first stages of the product design.

The environmental testing helps to reduce the cost of the Design, Production and Service:

- Systems, Subsystems, Components – to prevent influence on surrounding environment.
- Prototype – to minimize failures and challenges before manufacturing and before the product is on the market.
- Reliability – to reduce failed product returns from customer. To enlarge the MTBF.
- Identification of failures – ESS/HALT in production line. Identify failures before the product is moved to mass production.

Addition benefits for environmental testing and simulation:

- Verification of theoretical calculations and analysis.
- Analyze products which have been returned from customers with failures.

At ITL Environmental Labs you can find a Professional & Expert team that can give the dedicated service in vast area like:

- Solar Radiation
- IK
- Flammability
- Glow Wire
- UL-94 & else categories of UL
- Impact
- Special tests
- R&D
- Quality Test Report (QTR) – Writing & Inspection
- Review & examination test results
- Quality Test Plan (QTP) – Writing, Guidance & Review
- Testing to unique customer specification
- Providing regulatory & compliance solutions for systems and global access
- Reliability system tests
- Thermal analysis
- Performance & endurance testing
- Qualification testing
- ESS/HALT tests – Accelerated life test
- Vibration testing
- Transportation testing
- Simulation of Accelerated tests
- Shock testing
- Free fall testing
- Temperature & Humidity testing
- IP/NEMA testing
- Salt fog testing
- Dust testing
- Pressure & Vacuum testing
- Temperature & Altitude testing
- Temperature Shock testing
- Icing/Thaw testing
- Rain testing
- Explosive Atmosphere testing
- Radiation testing
- Contamination by fluids testing

ITL is accredited to perform testing with - MIL, ETSI, EN, NEBS, IEC, ISO, UN standards

For further information please contact:

1 Bat-Sheva St. POB 6117, LOD 7120101 Israel Tel:972-8-9153100 Fax 972-8-9153101 standard@itlglobal.org www.itlglobal.org