

ELECTRONICS & ELECTRICAL TESTING

INDUSTRY LEADING ELECTRONIC AND ELECTRICAL TESTING SERVICES

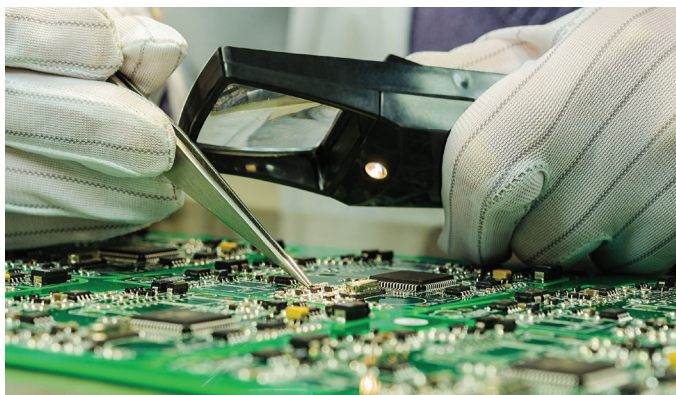
Electronics and Electrical Testing characterizes the interaction between resistance, capacitance and inductance in electronics interconnection products. The electrical tests NTS performs helps demonstrate attributes critical to the performance of the product.

Electrical tests and analysis are one core capability of NTS, having more than twenty five years of experience servicing the electronics and printed circuit board (PCB) industries. NTS complies with the most demanding requirements of the Military, Automotive, and Medical industries as well as those of Underwriters Laboratories (UL) and many of the prime Original Equipment Manufacturers (OEM) requirements.

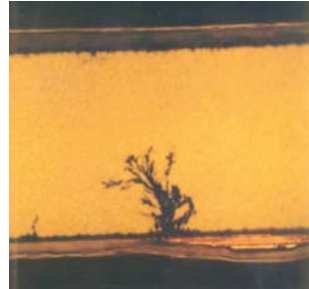
In addition, our engineers routinely provide test program insight and development, allowing our customers the flexibility to enhance and/or structure their test programs to their specifications.

Improved product design, enhanced reliability, and ensure product quality are just some of the valuable results you will realize by testing your products for compliance with their electrical operating parameters.

Electrical testing may be performed as an independent analysis of the product's electrical properties or it may be performed in conjunction with Environmental Simulation.



We can comply with your most demanding test requirements



Surface Insulation Resistance (SIR) Testing



Combine your test with environmental simulation

TEST CAPABILITIES

- Arc Resistance
- Capacitance
- Comparative Tracking Index (CTI)
- Conductivity Contact Resistance
- Continuity
- Dielectric Breakdown
- Dielectric Strength
- Dielectric Withstanding Voltage
- Environmental Stress Screening
- High Current Arc Ignition (HAI)
- Hi-Pot (DWV)
- Insulation Resistance (IR)
- Interconnection Resistance
- Moisture and Insulation Resistance
- Permittivity (Dielectric Constant) and
- Loss (Dissipation Factor)
- Reliability Testing
- Surface Insulation Resistance (SIR)
- Volume and Surface Resistivity
- Wrapper Resistance (Wire Wrap)

ABOUT NTS

Since opening our doors in 1961, NTS has become one of the largest commercial test laboratory networks in North America. Our services span environmental, dynamics, EMC, product safety, materials and much more. NTS engineers have exceptional knowledge in all test and conformity requirements, both domestic and international. Client partners in Aerospace, Defense, Telecom and Energy rely on NTS to deliver quality products to market and so can you.