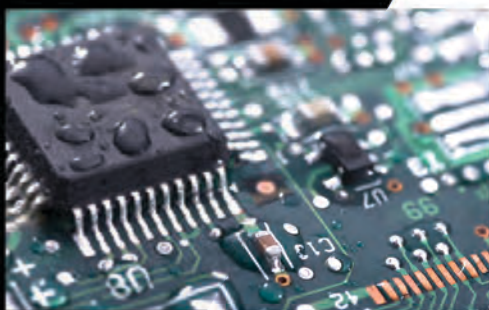


Electrical Testing



Electrical Testing

ATS's electrical testing laboratory offers a broad spectrum of electrical and electronic product testing. We frequently inspect the electrical properties of common products such as insulators, conductors, coatings, oils, batteries, cables, wires, lights, connectors, circuit breakers, electrical tapes and other electronic components, determining the causes of electrical failures and affirming the soundness of working products.

Capabilities:

- Accelerated Life Testing (Electrical Overstress, Power Cycling, Voltage, etc.)
- Conductivity/Resistivity
- Dielectric Constant
- Dielectric Strength
- Electrical Resistance
- Electrical Testing in Various Environments
- Product Testing





Electrical Testing Services

Performance Evaluations

When it comes to design, performance, and custom product testing, our experts can call on an array of comprehensive testing tools. ATS offers qualification testing that measures consistency, longevity, safety, durability, and probability of failures.

Examples of Commonly Used Standards

- Conductivity – ASTM B193
- Dielectric Constant – ASTM D150
- Dielectric Strength – ASTM D149
- Hot Wire Ignition Testing – ASTM D3874
- Surface and Volume Resistivity – ASTM D257
- Contact Resistance
- Continuous Discharge
- Insulation Resistance
- Voltage Drop Testing

We Adhere To Many Popular Testing Standards Including:

- ANSI
- ASTM
- IEC
- IEEE
- MIL-STD
- NEC
- NEMA

Failure Analysis

ATS's electrical experts can help determine the root cause of electrical and electronic failures. Our ISO 9001-2008 certified labs are equipped with technically advanced equipment whose accurate readings and environmental/mechanical simulations assist us in proper evaluations.



ATS, founded in 1967 and headquartered in Marietta, GA is one of North America's leading consulting engineering firms with extensive testing and inspection capabilities delivering a combination of experience, professionalism and decisive responsiveness for our clients.



www.atslab.com
1-888-287-5227