

MILITARY SPECIFICATION PCB TESTING

PROVIDING A FULL RANGE OF MIL-SPEC TESTING

NTS has more than 35 years of Military Specification (MIL-Spec) testing for the PCB industry. We are internationally accredited to A2LA ISO/IEC 17025 and also have commercial Laboratory Suitability Status to the Department of Defense - DLA.

TEST CAPABILITIES

MIL-PRF-5510

- Performance Specification: General Specification for Printed Wiring Board, Rigid Qualification
 - » Group A Inspection
 - » Group B Inspection

MIL-PRF-31032

- Performance Specification: General Specification for PCB/Printed Wiring Qualification
 - » Lot Conformance Inspection
 - » Periodic Conformance Inspection

MIL-P-50884

- General Specification for Printed-Wiring, Flexible and Rigid-Flex Qualification
 - » Group A Inspection
 - » Group B Inspection
 - » Group C Inspection



We supply consultation/testing to PCB manufacturers and users



Meet the 3-year or monthly conformance testing schedule



Over two decades experience in printed circuit board testing

MIL-STD-202

- Method 101 - Salt Atmosphere (Corrosion)
- Method 103 - Humidity (Steady State)
- Method 106 - Moisture Resistance
- Method 107 - Thermal Shock
- Method 108 - Life (at Elevated Temperature)
- Method 111 - Flammability (External Flame)
- Method 208 - Solderability
- Method 211 - Terminal Strength
- Method 215 - Resistance to Solvents
- Method 301 - Dielectric Withstanding Voltage
- Method 302 - Insulation Resistance
- Method 307 - Contact Resistance

MIL-STD-810

- Method 501.2 - High Temperature
- Method 502.4 - Low Temperature
- Method 507.4 - Humidity
- Method 503.4 - Temperature Shock
- Method 509.4 - Salt Fog (Spray/Corrosion)

ABOUT NTS

As one of the largest commercial test laboratory networks in North America, NTS offers test, inspection and certification services for environmental, dynamics, EMC, wireless, product safety, materials, ballistics and much more. Our client partners rely on NTS to bring quality products to market quickly and efficiently, and so can you.