

NTS SPOTLIGHT

GLOBAL CAPABILITIES



UAV testing in an EMI chamber at
NTS Plano, TX



Dynamic testing for small
components to entire systems

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.

TESTING SERVICES

At NTS, our heritage lies in the testing business. Over the years our capabilities have expanded in many different directions to meet the ever-changing needs of our customer base. The following is a small sample of the many markets we service:

Aerospace Testing and certification for the aerospace industry requires advanced simulation tools. NTS offers complete turnkey solutions for aerospace contractors.

Defense Military testing remains one of our key priorities — our facilities are equipped to provide ballistics and ordinance testing, body and vehicle armor certification, and more.

Energy From smart grid to nuclear qualification and dedication, NTS' testing facilities can deliver cost-effective solutions to help you mitigate risk and maintain compliance.

Telecommunications Our telecom engineers and technicians are among the industry's best and can assist in testing, developing, managing and executing custom programs.

CERTIFICATION SERVICES

As part of NTS, NQA is one of the largest and most respected certification bodies in the world, with over 35,000 certifications in over 70 countries. We provide companies and government organizations a single certification resource for management system registration, process and product compliance services and support. Our global presence and resources ensure that we can support your needs, whether you are looking for registration to a single standard, or an integrated management system approach, you can be confident that NQA will provide you with an edge over your competition.

SUPPLY CHAIN MANAGEMENT

NTS also offers a wide range of Supply Chain Management services enabling us to provide end-to-end product lifecycle support. We partner with our clients to become an extension of their business — representing their needs and providing solutions to ensure that they and their supply base are more effective and compliant with quality requirements. Our inspection services help ensure the efficiency and reliability of their supply chain.



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HIGHLIGHTS AND PRIMARY TEST SPECIFICATIONS

Environmental

- Acoustic Emissions
- Altitude
- Explosive Atmosphere
- Flammability
- Fluids
- Fuel Component
- Humidity
- Icing & Freezing Rain
- Materials
- Salt/Fog
- Solar Radiation
- Temp/Humidity
- Space Simulation
- Sand & Dust
- Fungus
- Tin Whisker

Dynamics

- Acceleration
- Corrosion
- Drop
- Seismic
- Insensitive Munitions
- Fatigue
- HALT/HASS
- Fuel Tank
- Gravelometer
- Reliability
- Shock
- Vibration
- Dynamometer
- Ballistics
- Thermal Vacuum
- Hazardous Materials

EMI/EMC/ESD

- EMI/EMC
- HERO
- HIRF
- Lightning
- Susceptibility
- ESD
- MIL-STD-461
- Immunity

Chemical Testing

- IPC Ion Chromatography
- Bonding
- Cleanliness
- Composition
- Porosity
- Purity
- Solderability

Product Certification

- CE Marking
- Product Safety
- MoCA
- Wireless
- USB
- nVoy
- WPC Qi
- Custom Programs

Wireless/Radio

- Bluetooth
- RF Wireless
- ZigBee
- Smart Home
- WiFi
- Wireless Compatibility

Hardware/Software

- Functionality
- Compatibility
- Performance
- Usability
- Automation
- Interoperability

Nuclear Test & Engineering

- Seismic
- LOCA
- Aging
- Valve
- 3rd Party Qualification
- Snubber Test/Rebuild

Certification Services

- ISO 9001
- ISO 13485
- ISO 14001
- ISO/TS 16949
- ISO 20000-1
- ISO 22000
- ISO 22301
- ISO 27001
- AS 6081/5553
- AS9100
- AS9110
- AS9120
- ESD ES 20.20
- TL 9000
- OSHAS 18001

Supplier Audits

- Supply Chain Management
- Source Inspections
- Quality Engineering
- Test Witnessing
- Delivery
- Expediting
- Corrective Action
- Supplier Funded
- Audits/Surveys

