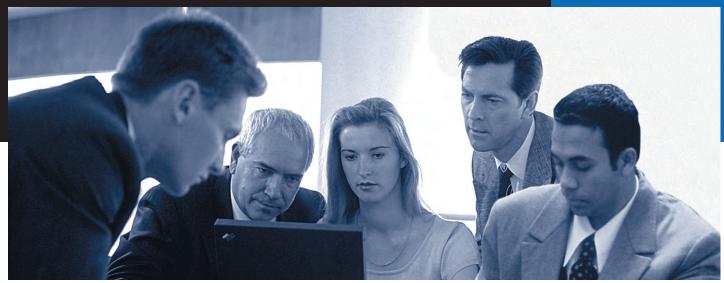
Network Equipment Building System Consulting and Testing Services

Innovation.
Integrity.
Dependability.



Getting your product into the central office will be easier with Dayton T. Brown, Inc.'s prequalification testing program.

CONSULTING SERVICES

- Program management
- Development of test plans, procedures unique to your equipment
- Review of your equipment design prior to testing
- Recommended design changes to meet test criteria
- · Comprehensive final report

NEBS TESTING SERVICES

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- GR-63-CORE
- GR-487-CORE
- · GR-78-CORE

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ISO 9001:2008 Registered



Concerned Tent Lab
2,01, 797,02, 797,03

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Please direct all inquiries to: 1-800 test 456 • email test@dtbtest.com
Visit our web site at: www.dtbtest.com

* Please visit www.dtbtest.com for testing covered under our scopes of accreditation.



Dayton T. Brown, Inc. is a 300,000 sq.ft. independent engineering and test organization whose existing management system was developed to accommodate over 2,000 programs per year. These projects range from a brief test or evaluation to a complex support engineering, research and development program of many years' duration. Dayton T. Brown, Inc. provides complete "cradle to grave" integrated product support services encompassing engineering design and analysis, prototyping, fabrication, test and evaluation, test equipment development, and support and documentation development and support.

TESTING

- Simulate and record natural and induced environments on units under test.
- Test to Government, military and commercial specifications and standards.
- Perform nondestructive and destructive testing.
- Operate unit under test and verify its performance.
- Develop control plans, test plans, test procedures.
- Analyze test data and document in a formal test report.

Climate/Atmospheric Simulations

High/Low Temperature Combined Environments

Wind & Rain Salt Fog

Explosive Atmosphere

Sand & Dust Humidity Fungus

Icing/Freezing Rain Solar Radiation Thermal Vacuum

Altitude

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Vibration: Electrodynamics, Electrohydraulic, Mechanical

Acceleration Inclination Acoustic Noise

Shock: Classical, Pyro, Gunfire, Hammer (Light & Medium Weight), Windblast, Catapult

Site Surveys

Quality Audits
Failure Analysis

Software Testing

Reverse/Re-Engineering

Software Development

Data Acquisition & Interface

ATE Software Design & Development

Optical Testing

Distortion Analysis

Luminous Transmittance

Reflectance

Prism Measurements

Laser Power

Spectrophometric Analysis

Haze

Diffuse Transmittance

Spherical and Cylindrical Power

Neodymium Laser (1.06u) Light Intensity

Chromaticity

Hydraulic/Pneumatics Testing

Proof Pressure Contamination

Leakage

Hydrostatic Burst

Flow

Soak/Deterioration

Electromagnetic Environment Simulation

Electromagnetic Compatibility (EMC) Electromagnetic Interference (EMI)

Radiated Frequency Interference (RFI)

Electromagnetic Pulse (EMP)

Electromagnetic Vulnerability (EMV)

Radiation Hazard

FCC Lightning

Transients

Electrical Disturbance

Electrostatic Discharge (ESD)
Low Level Swept Coupling
Bulk Current Injection

TEMPEST

Mechanical Testing

Fatigue Stress

Magnetic Particle Liquid Penetrant

Tensile

ENGINEERING

Prototype Design & Fabrication
Failure Modes & Effects Analysis
Test Facility Design & Development

Performance Test Equipment Design & Fabrication

Reliability/Maintainability Modeling Product Improvement & Validation

Development and Validation of Procurement Packages

Hardware Standardization Programs

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DAYTON T. BROWN, INC. ENGINEERING & TEST DIVISION



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