

# TELECOMMUNICATIONS NEBS TESTING

Test Item Size is  
Never an Issue at DTB

Innovation.  
Integrity.  
Dependability.



**Dayton T. Brown, Inc. Offers Complete Environmental and Electromagnetic Interference Testing for the Telecommunications Industry.**

## GR-487-CORE

- Low Temp. & Thermal Shock
- High Temp. & Thermal Shock
- High Relative Humidity
- Operating Temp. & Humidity
- Wind Driven Rain Intrusion
- Wind Resistance
- Weathertightness
- Heat Dissipation
- Fire Resistance
- Bullet Resistance

## GR-63-CORE

- EMI / EMC
- Lightning and AC Power Faults
- Electrical Safety Criteria
- DC Potential Difference
- Steady State Power Induction
- FCC Part 15, 68 CE Mark
- Airborne Contaminants
- Acoustic Noise
- Corrosion
- ESD

## GR-1089-CORE

- Office Vibration
- Transportation Vibration
- Installation Shock
- Transportation Shock
- Earthquake
- Salt Fog
- Impact Resistance
- Illumination
- Rain Intrusion
- Altitude

[www.dtbtest.com](http://www.dtbtest.com)

*A World of Engineering and Testing Under One Roof™*



A World of Engineering and Testing  
Under One Roof™



\* Accredited Test Lab  
767.01, 767.02, 767.03

ISO 9001:2008  
Registered



1195 Church Street, Bohemia, NY 11716-5014 USA

Please direct all inquiries to: 1-800 test 456 • email [test@dtbtest.com](mailto:test@dtbtest.com)  
Visit our web site at: [www.dtbtest.com](http://www.dtbtest.com)

\* Please visit [www.dtbtest.com](http://www.dtbtest.com) for testing covered under our scopes of accreditation.

Dayton T. Brown, Inc.'s testing lab stands apart from the rest by providing a full spectrum of engineering and testing services that your project needs, with the innovation, integrity and dependability that you deserve; all under one roof. For over 60 years, our goal has been to provide our customers with competitive pricing, low project cost and impeccable testing services, with outstanding results. At DTB, we are committed to helping you successfully meet all of your goals.

## NEBS Testing Services

NEBS or "Network Equipment-Building System" refers to a family of tests that apply to telecommunications equipment located in a Central Office.

The two most common tests are GR-63-CORE, Network Equipment-Building System Requirements: Physical Protection, and GR-1089-CORE, Electromagnetic Compatibility and Electrical Safety – Generic Criteria for Network Telecommunications Equipment.

The Regional Bell Operating Companies (RBOCs) and prospective suppliers routinely test their developmental equipment at DTB to determine compatibility to these telecommunications network standards.

NEBS requires products to be evaluated in extreme environments and phenomena.

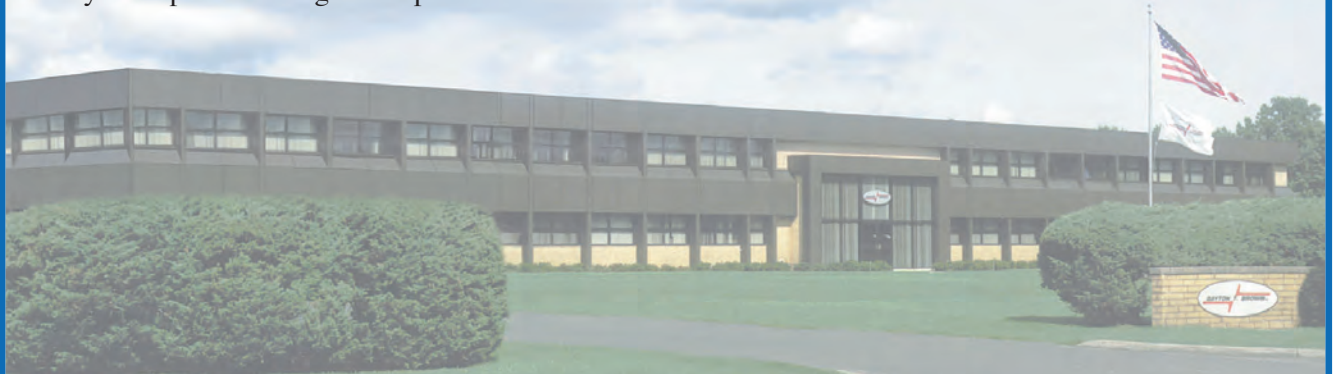
## DTB's Testing Services for the Telecom / IT / NEBS Market

Dayton T. Brown, Inc. can assist your Networking and Telecommunications product development needs by either tailoring a unique test protocol for you or by testing your products to standardized regimens such as NEBS.

DTB can offer Environmental, Vibration and EMI/EMC testing to a host of international standards including commercial and military requirements.

We can also design an R&D test program for you to evaluate specific system critical aspects on Alpha level equipment prior to full spectrum validation testing. Tap into our network of engineers for an insightful test approach that is based on our experience, flexibility and insight of your developmental needs.

DTB offers Engineering Analysis to our customers for both physical and electrical protection characteristics of telecommunications products that will be under test. This consultation can occur before, during or after testing activities. Typical Engineering analysis consists of early-stage analysis of product designs and performance.



*A World of Engineering and Testing Under One Roof™*

DAYTON T. BROWN, INC.  
ENGINEERING & TEST DIVISION



PHONE: (631) 589-6300  
FAX: (631) 589-3648

[www.dtbtest.com](http://www.dtbtest.com)