

# RAILWAY / TRANSIT ENGINEERING AND TESTING SERVICES

**Innovation.  
Integrity.  
Dependability.**



**Dayton T. Brown, Inc. provides a wide range of laboratory and on-site EMI/EMC and environmental simulation testing services. Testing is performed in accordance with the latest standards and tailored to transit authority specifications, including:**

## Engineering and Testing services for system level evaluation and integration:

- PTC/ATC/CBTC
- Full Vehicle Qualification/Compliance Testing
- Vehicle Instrumentation/Data Acquisition
- Wayside Systems
- EMI/EMC Site Surveys
- Vibration/Shock/Acoustic Surveys
- Track Circuit Testing
- Failure Analysis

## Dayton T. Brown, Inc's satisfied customers include:

- LIRR
- NYCT
- Metro North
- WMATA
- Kawasaki
- LTK
- Siemens Transportation
- ALSTOM
- Bombardier
- Thales
- KNORR Brake
- Wabtec/Wabco

**[www.dtb.com](http://www.dtb.com)**



Product Life Cycle Support Services  
Serving Military and Commercial Markets  
Since 1950



\* Accredited Test Lab  
767.01, 767.02, 767.03

ISO 9001:2008 and AS9100C  
Registered



\* NVLAP LAB CODE  
200422-0

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Visit our web site at: [www.dtb.com](http://www.dtb.com)

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

**Some of the Climatic and Dynamic Services we provide are:**

- Shock
- Temperature Cycling
- Salt Fog
- Vibration Site Surveys
- Fatigue Testing
- Blowing Rain
- Temperature and Humidity
- Combined Environments
- Vibration
- Sand and Dust
- Metal Dust
- Corrosion and Metallurgical Analysis

Our large chambers can accommodate full system configurations to improve scheduling as well as optimizing a cost effective approach!

**Our EMC Test/Engineering/Management services provided include:**

- Documentation
- Control Plans
- Test Plans and Procedures
- Site Surveys
- Contract/Specification Review
- Training Seminars
- Laboratory & Field Tests
- Computer Based Data Acquisition System Accepted by NYCT
- Radio Performance

**Standards tested to:**

- NYCT-1N
- NYCT-17S
- APTA SS-E-010-98
- AREMA
- NYCT-CETP
- EN-50121
- IEC-62326
- MIL-STD-810
- MIL-STD-461
- AAR S-5702
- UMTA
- EN-61373



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

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**DAYTON T. BROWN, INC.  
ENGINEERING & TEST DIVISION**



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