

SHIPPING CONTAINER TESTING SERVICES

**Innovation.
Integrity.
Dependability.**



Dayton T. Brown, Inc.'s capabilities and expertise support a complete evaluation of your Shipping Container design.

Global trade relies on the ability of shipping / freight containers to resist damage in order for the cargo inside to reach its destination in proper condition. It is no wonder that everyone in the transportation industry understands the importance of thorough testing of shipping containers. Not only must the external container be examined but the manner in which the internal cargo is secured and protected must also be rigorously tested.

Standard and Custom Packaging Testing can be run meeting the requirements of ISO TC 104, ISO 17712:2010, ASTM D4169-08 and ASTM F1157-04 as well as any other DOT, Association of American Railroads (AAR) or ISTA certified packaging testing requirement.

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**

1195 Church Street, Bohemia, NY 11716-5014 USA
Please direct all inquiries to: 1-800-232-6300 • email test@dtb.com
Visit our web site at: www.dtb.com



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

Here at Dayton T. Brown, Inc., our complete Container Testing services include:

- Leak Test
- Rough Handling Test (testing can be performed at low, ambient and high temperatures)
- Unsupported Free Fall Drop Test
- Flatwise Drop Test
- Edgewise Drop Test
- Cornerwise Drop Test
- Rotational Corner Drop Test
- Rotational Edge Drop Test
- Pendulum Impact Test
- Vibration Tests
- Handling Characteristics Tests
- Mishandling by Forklift
- Single Point Lift
- Modified Single Point Lift
- Hoisting Tests
- Form and Fit Test
- Fork Lift Truck Transport
- Pushing Test
- Towing Test
- Handlift Truck Test
- Rolling Test
- Shock Test
- Overload Test
- Incline-Impact Test
- Concentrated Load Test
- Stacking Test
- Security Seals

DTB is capable of providing first article testing to qualify new manufacturers as well as production lot testing of containers to assure that a manufacturer's production units continue to satisfy all the production requirements of the contract. We can accommodate all containers up to 20 ft. in length, with payloads of up to 6000 lbs.(2,721 kg). DTB can also design and develop containers for specific military and commercial applications, including any interior isolation systems that may be needed to meet shock and vibration requirements.

Our container testing is also used to determine the ability of the packaging and packing methods to provide protection to the contents when the pack is impacted on its surfaces or edges. This test may also be applied to unitized loads. DTB is able to provide all of the Fixture Design, Fabrication, Testing Facilities and Engineering for the program on site, at our corporate headquarters in Bohemia, NY.



A World of Engineering and Testing Under One Roof™

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



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