

The Corrosion Report

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Cargo Tanker Newsletter

Provided by: Corrosion Shield Inc. CT 12872

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Cargo Tankers 101

As cargo tanker repair and inspection shops we strive to provide unsurpassed service to our customers. This report will hopefully assist you in this journey. Quarterly I will provide insight to cargo tanker shops, specifically ones that work on linings and composite FRP special permitted (SP) cargo tankers. Additionally, I strive to provide input and information on proper care and inspection of these chemical transports to provide increased safety to the industry.

In this first issue I felt it was important to confirm the list of items that you need in order to do lining inspections.

This information is my interpretation of the requirements and code following DOT 180.407 in the 49 CFR.

I have worked for many years to develop the experience and credibility to manage the proper inspections for these tankers. CSI works with NTTCC and DOT to follow the regulations as written. Please email office@csicomposites.com for additional questions or comments

Considering Inspection and/or Repair?

This list has been developed to show the training and experience that Corrosion Shield Inc., or a similar shop would want to have as a minimum, to repair or inspect DOT 49 CFR 180.407 lined or FRP Composite (SP) cargo tankers. If the inspection involves a Special Permit trailer, then a copy of the special permit needs to be obtained, and the manufacturer notified if the permit requires, of any work to be performed.

Minimum Recommended Items

Minimum requirements for inspection and repairs of lined or all composite cargo tankers

1. DOT CT registration number.
2. Meet all the requirements of 49 CFR parts 180.407 including but not limited to:
 - ♦ Registered inspector with the proper credentials per 171.8. Including case histories showing actual experience in lined cargo tank inspections and work.
 - ♦ Required training and record keeping per 172.700
 - ♦ Required documentation and training in 180.407 all parts including 180.407 (e) and (f), including calibration plates.
 - ♦ Minimum qualifications of 180.409.
 - ♦ Responsible inspection reports per 180.411.

Additionally Recommended

DOT/ NTTCC training seminar on Cargo tank testing and inspection courses as required. Please visit www.phmsa.dot.gov and www.tanktruck.org