







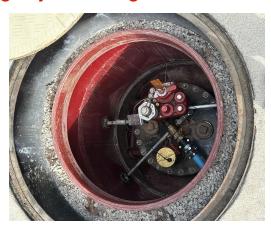




Tennessee Tank Talk

2021 NEW RULE REFRESHER

Sump Integrity Testing & Fuel Compatibility



Three Year Secondary Containment Sump Integrity Testing

Testing Requirements

- Systems using Interstitial Monitoring (IM) for piping release detection must conduct a sump integrity test every three years
- Testing of secondary containment sumps may be conducted using the following:
 - Division's testing procedures in the <u>Standardized Inspection Manual (SIM)</u>
 - Testing procedures specified in Petroleum Equipment Institute Recommended Practices PEI-RP1200, 2012 edition (or later)
 - National Work Group on Leak Detection Evaluations (NWGDLE) third-party approved testing method

Record Keeping

- Every 3 years, perform the test and retain test records
- After any sump repair or replacement is completed, the sump must be tested within 30 days and records maintained for three years

Forms and Documents

- Containment Sump Integrity Hydrostatic Test Report (CN-2664)
- Containment Sump Integrity Hydrostatic Testing Procedure
- Low Level Hydrostatic Sump Testing Form (CN-2644)
- Low Level Sump Integrity Testing Procedure

Alternative Fuels Equipment Compatibility

Compatibility Requirements

- UST systems used to store regulated substances blended with greater than 10% ethanol or greater than 20% biodiesel must comply with requirements for fuel compatibility.
- Ethanol blended fuels are designated by the amount of ethanol the fuel contains. A fuel labeled as E-85 contains 85% ethyl alcohol and 15% gasoline. E-10 contains only 10% ethyl alcohol and 90% gasoline. Biodiesel blends are designated by the amount of biodiesel the fuel contains. A fuel labeled as B-20 contains 20% biodiesel and 80% diesel.
- Notify the Division 30 days prior to storing biofuels greater than 10% ethanol or 20% biodiesel. Provide documentation showing compatibility for all UST system components including tank, piping, containment sumps, pumping equipment, dispensing equipment, release detection equipment, spill equipment, and overfill equipment.

Forms and Documents

- Ethanol Equipment Compatibility Checklist (CN-1285)
- Statement Of Compatibility (CN-1283)

New Rules Resources

Division Updates and Outreach

Current Tennessee UST Rules

2018 Federal Rule Change Quick Reference Guide

Additional Resources

Standardized Inspection Manual (SIM)

UST Contact Information

Contact Your Local Field Office

UST Forms and Guidance

EPA -Must For USTs

TDEC Underground Storage Tanks Home Page

EPA- Underground Storage Tanks Home Page



Department of Environment & Conservation

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