



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 [Standardized Inspection Manual \(SIM\)](#)
 - 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](#)
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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 \(CN-1283\)](#)
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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](#)



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