



To: Underground Storage Tank Owners and Operators
From: Underground Storage Tank Section, Iowa DNR
Date: June 10, 2021
Subject: NEW UNDERGROUND STORAGE TANK (UST) REGULATIONS

Greetings Owners and Operators,

After a multiyear development process involving input from fuel industry representatives, UST owners, trade organizations, and the U.S. Environmental Protection Agency (EPA), revisions to the regulations for Iowa's UST program will become effective on June 23, 2021. Revisions were made to the following Iowa Administrative Code (IAC) Chapters:

- *567-IAC Chapter 134 - Underground Storage Tank Licensing and Certification Programs*
- *567-IAC Chapter 135 - Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks*
- *567-IAC Chapter 136 - Financial Responsibility for Underground Storage Tanks*

What you need to know and do:

In accordance with EPA federal requirements, the first round of testing and inspections of equipment must be completed by **October 13, 2021**: These activities include:

1. Complete the first 30-day and annual **walkthrough inspections**. Subsequent 30-day inspections must be completed routinely (every 30 days); the annual walkthrough inspection must be completed within one year of the prior annual walkthrough inspection.
2. **Test electronic and mechanical leak detection** equipment for operability (and annually thereafter; this activity can be combined with the annual walkthrough inspection).
3. **Inspect overfill prevention equipment** for proper operation (and every three years thereafter).
4. **Test spill basins** for liquid tightness (and every three years thereafter).
5. **Test all containment sumps** that are used for piping interstitial monitoring including tank-top sumps, transition sumps, and under dispenser containment. In Iowa, tanks and /or piping lines installed after November 28, 2007, are required to have secondary containment and use interstitial monitoring as the primary form of leak detection; therefore the containment sumps must be tested. Containment sump testing is NOT required if the UST system and components were installed on or before November 28, 2007.

Who can perform the tests and inspections?

Anyone can complete these inspections and perform the tests of the spill basins and containment sumps, but preferably a person with knowledge of the UST system such as an owner or operator, a service technician, or a licensed UST professional.

A licensed UST tester must perform the annual operability tests of the leak detection equipment.

What records do you need to maintain?

Owners and operators must maintain records of all systems tested and of the operational status of the UST system; if equipment fails a test or is deemed inoperable, the equipment must be repaired or replaced, and tested to verify operability. Owners must maintain the following records in accordance with subrule 567 - Chapter 135.5(4)"b":

- Documentation of the periodic (30 day and annual) walkthrough inspections (135.4(13))
- Documentation of compliance with release detection requirements (135.5(6))
- Documentation of compliance for spill and overflow prevention equipment, and containment sumps used for interstitial monitoring of piping (135.4(12))
- Documentation of UST system repairs (135.4(4)"h")
- Secondary containment test results (135.3(9))
- Documentation of compatibility for UST systems (135.4(3))
- Documentation of operation of corrosion protection equipment (135.4(2))
- Cathodic protection system testing results (135.4(2))
- Class A, B and C operator training certificates (135.4(6))
- Results of the site investigation conducted at permanent closure (135.15(3))

NOTE: Owners and operators must keep the required records either: (1) at the UST site and immediately available for inspection by the department; or (2) at a readily available alternative site and be provided for inspection to the department within two business days of department request.

UST Section Contacts

If you have questions you may email the UST Section at USTOperations@dnr.iowa.gov , or

Contact staff by phone: James Gastineau 515-725-8450
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Additional information can be found on the DNR's UST web page: www.iowadnr.gov/ust