

UST Rules Overview

The US Environmental Protection Agency (EPA) enacted changes to the 1988 federal underground storage tank (UST) regulations.

An overview of the major provisions of the regulations adopted by Idaho, effective March 24, 2017, are provided below:

- Tank fees.
- Monthly walkthrough inspections.
- Release detection requirements.
- Annual testing requirements for release detection equipment.
- 3-year testing requirements for overfill devices (e.g., phase-out ball floats), spill buckets, and containment sumps.
- UST system fuel compatibility.
- Suspected release reporting.
- UST system repair changes.
- UST internal lining inspection update.
- Change of ownership requires 30-day notice.

How Do I Comply?

You can purchase the guidance documents cited in the federal regulations (listed below) and determine if you are qualified to perform the actions specified in the rules. Alternatively, you can comply with the rules by hiring a service provider to perform the testing and inspections.

- UST Inspection and Maintenance of UST Systems (PEI RP 900)
- Testing and Verification of Spill, Overfill, Leak Detection, and Secondary Containment Equipment at UST Facilities (PEI RP 1200)

Additionally, DEQ is available to answer any questions. For contact information see For More Information.

For More Information

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Resources and Forms

More information and UST rules:
<http://www.deq.idaho.gov/storage-tanks>

UST Training:
<http://www.deq.idaho.gov/ust-training>

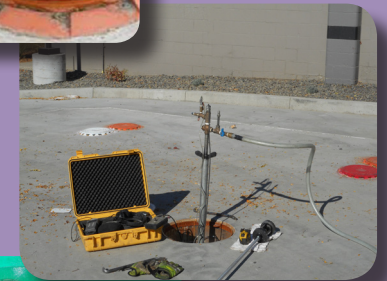
Forms:
<http://www.deq.idaho.gov/ust-forms>



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New Idaho Underground Storage Tank Rules

2019



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Tank Fees

Each UST or UST compartment is assessed a tank fee of up to \$100 per tank or compartment for continued environmental protection through the Idaho UST Program. *Annual invoice will be sent in November.*

UST System Walkthrough Inspections

Owners/operators must conduct monthly walkthrough inspections to prevent and quickly detect releases. *Required now.*

The following equipment requires inspection:

- ✓ Spill buckets and fill pipes
Frequency: *Every 30 days*
- ✓ Release detection equipment and records
Frequency: *Every 30 days*
- ✓ Containment sumps
Frequency: *Annually*



Release Detection Requirements

Statistical Inventory Reconciliation (SIR) must be able to detect a release within 30 days. *Required now.*

Vapor monitoring, as a release detection method, requires a site assessment. *Required now.*

Emergency power generators are required to have release detection. *For existing systems, requirement is due October 13, 2021. Applies to new UST installations now.*

Testing Requirements

Annual Testing

Primary release detection equipment must pass an annual functionality test. *First testing must be completed by October 13, 2021.*

The following equipment requires testing:

- ✓ Automatic tank gauges and probes
- ✓ Line leak detectors (currently required)
- ✓ Interstitial monitoring sensors
- ✓ Sump sensors

3-Year Testing and Inspection

Owners/operators of regulated UST systems must test spill buckets, containment sumps used for interstitial monitoring, and overfill prevention equipment every 3 years. *First testing must be completed by October 13, 2021.*



Spill buckets must pass a tightness test every 3 years or use a double-walled spill bucket with 30-day interstitial monitoring records in lieu of performing a tightness test.

Containment sumps used for interstitial monitoring of piping must pass a tightness test every 3 years or use a double-walled containment sump with 30-day interstitial monitoring records in lieu of performing a tightness test.

Overfill devices must be functionally inspected every 3 years and activate at the appropriate fuel level in the tank.

- ✓ Flapper—95%
- ✓ Audio/visual alarm via float sensor—90%
- ✓ Ball floats*—90%

***Ball floats** used for overfill prevention are prohibited for new installations. Ball floats that fail an overfill inspection cannot be replaced for any reason.

UST System Fuel Compatibility

Owners/operators must notify DEQ at least 30 days before switching to a substance containing greater than 10% ethanol gasoline or greater than 20% biodiesel. UST system compatibility must be demonstrated for the new substance. *Required now—send Notification Form to DEQ.*

Suspected Release Reporting

Alarms, including interstitial monitoring alarms, require suspected release reporting to DEQ unless the monitoring device is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial result.

Interstitial integrity testing will be allowed for investigating suspected releases. *Required now—report suspected releases to DEQ within 24 hours.*

UST System Repairs

Owners/operators must test repaired spill, overfill, and secondary containment areas within 30 days of the repair. *Required now.*

Other Requirements

Internal lining—When used as the sole protection method, if the internal lining fails the periodic inspection and cannot be repaired according to a code of practice developed by a nationally recognized association, the tank must be closed.

Under dispenser containment is required when the dispenser and the equipment needed to connect the dispenser to the UST system are installed at an UST facility.

New owners are required to notify DEQ within 30 days of change of ownership. *Required now—send Notification Form to DEQ.*