Montana Underground Storage Tank Rules 2018

Major Provisions adopted by Montana UST Program

- Monthly walk-through inspections
- UST system fuel compatibility
- Release detection requirements
- Annual testing requirements for release detection equipment
- 3-year testing requirements for overfill devices and spill buckets
- Suspected release reporting

Suspect Leaks & Reporting

Alarms, including interstitial monitoring alarms, require suspected release reporting to DEQ unless:

- monitoring device is found to be defective and is immediately repaired, recalibrated, or replaced, and
- additional monitoring does not confirm the initial result.

Report suspected releases to DEQ within 24 hours.
1-800-457-0568 (M-F 8-5)
or
406-324-4777 (after business hours)

Resources & Forms

- UST home page http://deq.mt.gov/Land/ust
- UST Forms http://deq.mt.gov/Land/ust/forms
- Walkthrough Inspection Form
- Fuel Compatibility Checklist
- Product Type Change Form
- Licensed Individuals
  - PEI RP 1200 (documents available for purchase)
  - PEI RP 900 (documents available for purchase)
**Release Detection Requirements**

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

Catastrophic Line Leak Detection – Continuous Interstitial Leak Monitoring is no longer allowed for catastrophic line leak detection. **Required now.**

For pressurized systems that have a Submersible Turbine Pump (STP), the STP must have a leak detector port and a functioning Automatic Line Leak Detector. **Required now.**

**Out-of-Tank Leak Detection**

Groundwater Monitoring and Vapor Monitoring, as a leak detection method, **will no longer be allowed after October 13, 2023.**

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**Testing Requirements**

**Annual Testing**
- Must be performed by a Montana UST Program licensee.
- Primary release detection equipment must pass an annual functionality test. **First test must be completed no later than October 13, 2021.**

The following equipment must be tested:
- Automatic tank gauges & probes
- Electronic line leak detectors
- Interstitial tank & piping monitoring sensors

**3-Year Testing and Inspection**
- Must be performed by a Montana UST Program licensee.
- Owners/Operators of regulated UST systems must test spill buckets and overfill prevention equipment every 3 years. **First test must be completed no later than October 13, 2021.**
- Spill buckets: must pass a tightness test every 3 years. Double-walled spill buckets with 30-day interstitial monitoring records may be used in lieu of performing a tightness test.
- Overfill devices: must be inspected for functionality every 3 years.
  - Automatic shut-off devices (i.e. flapper valve, auto limiter) - 95% activation level
  - Audio/Visual alarm via float sensor—90% activation level
  - Ball float vent valve* - 90% activation level

*Please note that ball floats that have been paved over must be inspected. If a ball float fails an overfill inspection, it cannot be replaced and another approved device must be installed.

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**Walkthrough Inspections**

Owners/Operators must conduct monthly walkthrough inspections to prevent and quickly detect releases. **First monthly inspection must be completed no later than October 13, 2021.**

The following equipment requires inspection:
- Spill buckets and fill pipes: Every 30 days
- Release detection equipment and records: Every 30 days
- Containment Sumps: Annually

The inspections may be completed using DEQ’s Walkthrough Inspection Form or PEI RP 900, which is available for purchase from their website. Inspections may be performed by:
- Owners
- Operator
- Class A, B, or C Operators
- 3rd party contractors

**Fuel Compatibility**

⇒ Owners/operators must notify DEQ at least 30 days before switching to a substance containing greater than 10% ethanol or greater than 20% biodiesel. **Required now.**
⇒ UST system compatibility must be demonstrated for the new substance. Fuel compatibility and product change forms are available on our website. **Required now.**