

## 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) <http://deq.mt.gov/Land/ust>

[UST Forms](http://deq.mt.gov/Land/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)

## Montana Underground Storage Tank Rules 2018



DEQ Underground Storage Tank Section

1520 E 6th Ave  
Helena, MT

Mailing address:  
PO Box 200901  
Helena, MT 59620-0901

Phone: 406-444-5300  
Fax: 406-444-1374

**DEQ** Montana Department of  
Environmental Quality



## 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
- ◆ 3<sup>rd</sup> 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.*

## 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 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.*



## 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.*