New Deadlines for Montana UST Rules

Required now

- **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.
  - UST system compatibility must be demonstrated for the new substance. Fuel compatibility and product change forms are available on DEQ's website.
- **Release Detection Requirements**
  - Catastrophic Line Leak Detection – Continuous Interstitial Monitoring is no longer allowed for catastrophic line leak detection.
  - 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.
- **Other Requirements**
  - Flow restrictors in vent lines (ball float vent valves) may no longer be used to meet the overfill prevention requirement at new installations when an existing flow restrictor is being replaced.
  - Replacement of piping - updated from "over" 50% to 50% or more.
  - ALLDs - 3.0 gph requirement 10 PSI line pressure within one hour.
  - Removal of 5.0 gph ALLD re-test - Failure of annual 3.0 gph test is a failure (must be replaced).
  - Under-dispenser containment - UDC must be installed when dispensers and equipment necessary to connect to the dispenser is replaced - includes check valves, shear valves, unburied risers or flex connectors, or other transitional components that are underneath the dispenser and used to connect the dispenser to the UG piping.

Must be completed no later than October 13, 2021

- **Walkthrough Inspections**
  - Owners/Operators must conduct monthly walkthrough inspections to prevent and quickly detect releases.
  - The following equipment requires inspection:
    1. Spill buckets and fill pipes: Every 30 days
    2. Release detection equipment and records: Every 30 days
    3. 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, Operators, Class A, B, C Operators or 3rd party contractors
- **Testing Requirements**
  - **Annual Testing and Inspection**
    - ♦ Must be performed by a Montana UST Program licensee.
    - ♦ Primary release detection equipment must pass an annual functionality test.

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

New Deadlines for Montana UST Rules

Must be completed no later than October 13, 2021 continued:

- **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 wall 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 (ball float valves not allowed for new installations)
  - Containment sumps: All containment sumps using interstitial monitoring as their primary line leak detection method must be hydrostatically tested** every three years. This includes all UST systems installed, modified, or replaced after November 26, 2009 (includes piping replacements) as well as systems that use interstitial monitoring as their primary piping leak detection method.

*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*.

***Other methods may be used. Contact the UST Program for details.*

No longer allowed after October 13, 2023

- **Out-of-Tank Leak Detection**
  - Groundwater Monitoring and Vapor Monitoring, as a leak detection method, *will no longer be allowed after October 13, 2023.*

Resources & Forms

UST home page http://deq.mt.gov/Land/ust
UST Forms http://deq.mt.gov/Land/ust/forms [including Walkthrough Inspection Form, Fuel Compatibility Checklist and Product Type Change Form]
Licensed Individuals
PEI RP 1200 (documents available for purchase at https://www.techstreet.com/pei)
PEI RP 900 (documents available for purchase at https://www.techstreet.com/pei)

Questions *Contact Montana DEQ's UST program at (406) 444-5300 or email* DEQUSTPROGRAM@mt.gov