



# Periodic Operation & Maintenance Walkthrough Inspections for UST Systems

## What You Need to Know

No later than September 11, 2022 (i.e., 90 days after the June 13, 2022 effective date of COMAR 26.10), owners and operators of motor fuel, bulk oil storage, used oil, and/or hazardous substance underground storage tank (UST) systems must begin performing both monthly and annual operation and maintenance walkthrough inspections in accordance with COMAR 26.10.04.03. This fact sheet provides the requirements and expectations for both inspections and highlights the documentation requirements for the inspections.

### Monthly Inspection Requirements

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The following UST system components and records are to be inspected monthly or, if the UST system receives deliveries at intervals greater than 30 days, prior to each delivery, at a minimum (see **Maryland Monthly UST System Walkthrough Inspection** or *Recommended Practices for the Inspection and Maintenance of UST Systems* (PEI/RP900-17, 2017 Edition)):

- Spill prevention equipment (e.g., catchment basins / spill buckets, fill ports, fill pipes)
  - Visually inspect the equipment for damage
  - Remove liquid and debris if present
  - Visually inspect fill pipe, remove obstructions if present
  - Inspect fill cap to ensure it is secure, replace cap as needed
  - For double-walled catchment basins / spill buckets with interstitial monitoring; check for a release in the interstitial area
- Release detection equipment and/or records (e.g., ATG, interstitial monitoring, SIR)
  - Inspect equipment for proper operation, alarms, and other unusual operating conditions
  - Ensure the monthly records, including inventory records, are being reviewed to verify they are current with no indication of a spill, release, or discharge

### Annual Inspection Requirements

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The following UST system components are to be inspected at a minimum of once per year (see **Maryland Annual UST System Walkthrough Inspection** or *Recommended Practices for the Inspection and Maintenance of UST Systems* (PEI/RP900-17, 2017 Edition)):

- Containment sumps
  - Visually inspect each containment sump for damage
  - Check for product and/or water present in the containment sump
  - Check for evidence of a spill, release, or discharge



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- Remove liquid and debris if present
- For double-walled containment sumps with interstitial monitoring; check for a release in the interstitial area
- Hand-held release detection equipment (e.g., gauging sticks, bailers)
  - Visually inspect equipment for damage
  - Ensure equipment is serviceable and operable

## Record Keeping & Reporting

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Following the monthly and annual inspections, records of the inspections must be kept for at least 1 year at the facility and for at least 5 years at a location designated by the owner.

Inspection records must include the following:

- A list of each area checked during the inspection
- Whether an inspection item was acceptable or required corrective action
- If action was taken to correct an issue, a description of that action
- Delivery records if the spill prevention equipment is checked prior to a delivery because deliveries occur at intervals greater than 30 days

If evidence of a spill, release, or discharge or other unusual operating conditions are observed, in compliance with COMAR 26.10.08, notify the Oil Control Program within 2-hours at 410-537-3442 during normal business hours, or 1-866-633-4686 24 hours a day.

## Limitations

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This fact sheet has been provided for informational purposes. This document is not intended nor should it be interpreted to be a regulation, as defined in Section 10-101, State Government Article. The MDE encourages you to read and understand the regulations that govern the operation of underground storage systems found in Code of Maryland Regulations 26.10. "Oil Pollution Control and Storage Tank Management."