



Maryland
Department of
the Environment

FACTS ABOUT: UNDERGROUND STORAGE TANK COMPLIANCE TESTING SCHEDULE

All underground storage tank (UST) system components are to be tested at installation and upon repair. The following testing schedule is a general guideline for when subsequent testing is needed. Your facility may or may not have all of the tank system components listed below or be required to test all of them.

THE FOLLOWING TESTING SCHEDULE IS FOR:

- Motor Fuel Tanks
- Used Oil Tanks
- Bulk Heating Oil Tanks
- Emergency Generator Tanks (installed **on or after** March 1, 2008)

Annual

- Spill Catchment Basin test (fill, remote fill, Stage I)
 - Double wall Spill Catchment Basin **must be** tested per manufacturer specifications or in accordance with PEI RP 1200.
- Piping Precision Tightness test for Pressurized Piping equipped with:
 - Mechanical Line Leak Detector
 - **Unless** maintaining monthly piping release detection in accordance with COMAR 26.10.05.02D(2)(b)(ii).
 - Electronic Line Leak Detector
 - **Unless** electronic line leak detector is performing daily, weekly, and monthly test in accordance with COMAR 26.10.05.02D.(2)(b)(ii). Must maintain a record of monthly leak detector line test.
- Automatic Tank Gauge System certification (**includes** functional test of sump sensors)
- Line Leak Detector test (mechanical **and** electronic)
- Cathodic Protection test for Metal Piping (**including** flex connectors)
- Field installed Cathodic Protection test for Metal Tanks
 - For steel tanks that have had supplemental anodes or impressed current system installed



Every 2 Years

- Piping Precision Tightness test for U.S. Suction
 - **Unless** maintaining monthly piping release detection in accordance with COMAR 26.10.05.02D.(2)(b)(ii)
- Helium test for existing Gasoline USTs
 - **Only** when located in High Risk Groundwater Use Areas or Well Head Protection Areas

Every 3 Years

- Factory installed Cathodic Protection test for Metal Tanks

Every 5 Years

- Containment Sump test (tank top, vent, dispenser, piping transition, etc.)
 - Double wall Containment Sumps **must be** tested per manufacturer specifications or in accordance with PEI RP 1200.
- Secondary Piping Tightness test
 - For double wall piping installed or replaced on or after January 12, 2009.
- Tank Precision Tightness test
 - **Only** for tanks greater than 550 gallons **and** less than 2,000 gallons using manual tank gauging as primary method of release detection.
- Impressed Current Cathodic Protection assessment
 - **Only** for UST systems with impressed current cathodic protection.

THE FOLLOWING TESTING SCHEDULE IS FOR:

- Heating Oil Tanks for Direct Consumptive Use
- Emergency Generator Tanks (installed **prior to** March 1, 2008)

Annual

- Spill Catchment Basin test (fill, remote fill)
 - Double wall Spill Catchment Basin **must be** tested per manufacturer specifications or in accordance with PEI RP 1200.
- Cathodic Protection test for Metal Piping (includes flex connectors, supply & return, vent, etc.)
 - **Unless** installed prior to March 15, 1985.
- Field installed Cathodic Protection test for Metal Tanks

- For steel tanks that have had supplemental anodes or impressed current system installed
- **Unless** installed prior to March 15, 1985.

Every 3Years

- Factory installed Cathodic Protection test for Metal Tanks
 - **Unless** installed prior to March 15, 1985.

Every 5 Years

- Containment Sump test (tank top, vent, dispenser, piping transition, etc.)
 - Double wall Containment Sumps **must be** tested per manufacturer specifications or in accordance with PEI RP 1200.
- Tank Precision Tightness test
 - Tanks are to be tested at installation, 15 years of age, and every 5 years thereafter
- Piping Precision Tightness test (Pressurized, Safe Suction and U.S. Suction)
 - Piping is to be tested at installation, 15 years of age, and every 5 years thereafter

RECORD KEEPING REQUIREMENTS

- Owners and Operators are required to maintain records of all UST compliance testing.
- Records should be maintained onsite or readily available upon request from the Department.

CONTACTS

For further information on testing requirements for UST systems, please contact the Oil Control Program at (410) 537-3442 or (800) 633-6101 x3442. To report oil spills call 1-866-633-4686. Available 24 hours a day.

****DISCLAIMER****

This fact sheet is intended only as guidance to aide UST owners, operators, and Maryland Certified UST Technicians in understanding and implementing the Department's regulatory requirements. It is not intended to supplement or replace any statutory or regulatory requirements and does not create any enforceable rights at law or equity. In the event of any inadvertent conflict between this fact sheet and the Department's statutes and regulations, the statutes and regulation shall control.