



State of Oregon
Department of
Environmental
Quality

Underground Storage Tank Program

Guidance Pertaining To:

Testing Secondary Containments and Piping During UST Installation

Who is Affected?	UST Permittees, Tank Owners and Installation Service Providers
Description of Issue	Effective March 10, 2008, the UST rules were modified to require all new and replacement UST systems and connected piping to be secondarily contained and monitored using the interstitial monitoring leak detection method. Also effective March 10, 2008, the UST rules required product-compatible under dispenser containment for each new, moved or replaced product dispenser.
Do these new rules affect installation testing requirements?	<p>Yes. For double-walled piping, DEQ expects that both the inner pipe and the outer pipe be pressure tested and shown to be tight. For interstitial monitoring to be an effective leak detection method, a demonstration that the interstitial space between the two pipes will contain a leak from any portion of the underground piping that may contain a regulated substance must occur. To demonstrate that, both the inner piping and outer piping must be tested and shown to be tight at the time of installation.</p> <p>Similarly, if new tank-top or under dispenser containment systems are to prevent a release into the environment, the containment system must be tight at the time of installation, including around all penetrations.</p> <p>Pursuant to OAR 340-150-0300 (2), testing must be completed according to the manufacturer's requirements and codes of practice developed by nationally recognized associations or independent testing laboratories. The codes and standards listed in OAR 340 - Division 150, Appendix A may be used to comply with these requirements.</p>
Do I need to submit copies of the test results?	Yes, copies of all test results must be submitted as attachments to the DEQ installation or modification checklist. UST inspectors will review the checklist and all the attachments to determine if the UST system is in compliance with the UST installation requirements before DEQ issues an operating certificate for the new installation. DEQ will issue a field citation to the tank owner, and take enforcement action against the UST Service Provider, if these checklists are not received within 30-days of completion of the installation or modification.

Do I need to keep copies of the test results?	Yes, keep copies of all leak detection test results for the operating life of the equipment. UST inspectors may request to see these records during an UST facility inspection or as part of a suspected or confirmed release investigation. Further, upon sale of the facility, these records must be passed on to the new tank owner.
What action will be taken if these tests haven't been run?	<p>If this is a new installation, DEQ may delay issuance of the facility's operating certificate until the testing is completed. Without an operating certificate, fuel cannot be dropped into the tanks or sold.</p> <p>If this is an operating facility, DEQ will require the tests to be performed prior to reopening. Failure to complete testing prior to opening the facility, will result in a field citation or a formal enforcement action for failing to install an UST system in accordance with an accepted code of practice or failing to follow manufacturer's requirements.</p>
Who can I talk to about these testing requirements?	<p>Tank Staff are available at the following offices:</p> <p>In Northwest Oregon (Clatsop, Clackamas, Columbia, Multnomah, Tillamook and Washington counties):</p> <ul style="list-style-type: none"> • Portland, 2020 SW Fourth Ave., Suite 400, 503-229-5263 <p>In Western Oregon (Benton, Coos, Curry, Douglas, Jackson, Josephine, Lane, Lincoln, Linn, Marion, Polk and Yamhill counties):</p> <ul style="list-style-type: none"> • Salem office: 750 Front St. NE, Suite 120, 503-378-8240 • Eugene office: 165 East 7th Avenue, Suite 100, 541-686-7838 • Coos Bay office: 381 N. Second Street., 541-269-2721 ext 31 <p>In Eastern Oregon (Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco and Wheeler counties):</p> <ul style="list-style-type: none"> • The Dalles office: Columbia Gorge Community College, 400 E. Scenic Drive, Building 2, 541-298-7255

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Approved By: _____
 Andree Pollock, Manager, UST Program

Effective Date: November 10, 2008