

conducted, and how the proposed UST system complies with the exemption requirements. The exemption request will be sent to the Bureau at least 30 days in advance of the start of the installation, replacement, repair, or modification.

Owners and operators will not be granted an exemption to the secondary containment requirements if they plan on installing a drinking water well at the facility after the installation of the UST system.

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Requirements for Underground Storage Tank Systems Installed, Replaced, Repaired, or Modified on, or after, April 4, 2008



[6/30/09 Version]

For more information write or call:

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As of April 4, 2008 there are new requirements for underground storage tank (UST) systems that will be installed, replaced, repaired, or modified on, or after this date. Existing UST systems, those in-service before April 4, 2008, will not be required to upgrade to the requirements for new UST systems. If an existing UST system has to be replaced, repaired, or modified after April 4, 2008 then the following requirements will have to be met by owners and operators.

New UST System

- All new underground storage tanks installed on, or after, April 4, 2008 will be secondarily contained which can be placing a single-walled tank within a secondary containment system built in accordance with Part 4 of 20.5 NMAC.
- Installing a double-walled UST will meet the requirement for a secondarily contained tank.
- All new tanks will be required to use interstitial monitoring as the method of release detection for the tanks.
- All the underground piping installed as part of a new UST system will have to be secondary contained. The secondary containment requirement can be met by the installation of double-walled piping. Also, included in the secondary containment requirement is the need for turbine and dispenser sumps at the ends of the piping run.
- All secondarily contained piping installed after April 4, 2008 will be required to use interstitial monitoring as the method of release detection for piping.
- The automatic tank gauging system used in interstitial monitoring of the UST system will be set up so if it detects a regulated substance or water in any of the interstices of the tank system it will automatically shut off the turbine.

- If there is any aboveground piping associated with a new UST system a transition sump is required where the underground piping transitions to aboveground. The transition sump will have to be monitored by means of sump sensors and connected to the automatic tank gauging system.

Existing UST System

- Any UST replaced after the April 4, 2008 deadline will have to be replaced with a secondarily contained tank. If one tank of a multiple tank facility has to be replaced then only that tank has to meet the requirements for new UST systems. Also, if one tank in a manifolded UST system has to be replaced then only that tank will have to be replaced with a secondarily contained tank.
- All replaced tanks will have to use interstitial monitoring as the method of release detection for tanks as soon as they are installed.
- Any UST that is repaired in order to bring it back into a serviceable condition will not be required to meet the requirements for new UST system.
- If during a thirty day period any modifications, repairs, or replacements of underground piping require the removal of five or more feet of piping then the entire piping run will be replaced with secondarily contained piping. The piping run in need of repair, or is being modified, will have to be re-installed with double-walled or secondarily contained piping. Also, when the replacing, repairing, or modification of the piping requires a new installation then containment sumps at the turbine and dispenser will be required.
- All new double-walled or secondarily contained piping will be interstitially monitored as its method of release detection.

- Suction piping that is exempt from release detection as described in Paragraph 2 of 20.5.6.10.B NMAC does not have to meet the secondary containment requirements if it has to be replaced, repaired, or modified.
- Owners, operators, and installers are required to give the local PSTB Inspector an opportunity to inspect the existing piping before it is removed from the ground during a repair or modification. If the PSTB Inspector determines there is a need to inspect the rest of the piping run, or all piping runs at the facility, then owners and operators are required to expose the entire piping run(s).

Exemption from Secondary Containment Requirements

Owners and operators of new and existing UST systems can be exempted from the secondary containment requirements if they can prove to the Bureau's satisfaction their UST systems meet all of the following:

- 1) No part of the UST system is within 1,000 feet of a community water system which includes all piping and distribution lines under the jurisdiction of the water system operator.
- 2) No part of the UST system is within 1,000 feet of a potable drinking water well.
- 3) No part of the UST system is within 1,000 feet of source water. Source water is defined as water that could be used for domestic purposes, including but not limited to ground water, natural springs, and surface water, even if such water is not currently being used for domestic purposes.

Owners and operators seeking this exemption must provide in their request a detailed to-scale map that demonstrates that the UST facility meets the previously mentioned requirements. A certified statement shall accompany the map which will explain who performed researched, how it was