

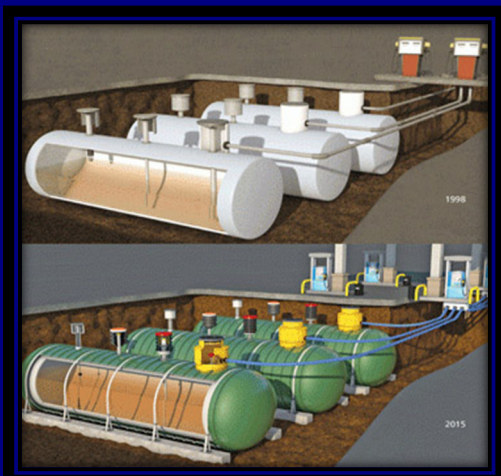
**NDEP developed this compliance assistance brochure to help UST owners and operators comply with the updated federal UST regulations.**

**This brochure highlights the implementation time frames to meet the State of Nevada's updated UST requirements.**

Contact information, and State UST websites are located at:  
[http:// www.epa.gov/ust/underground-storage-tank-ust-contacts](http://www.epa.gov/ust/underground-storage-tank-ust-contacts)

- Facilities in Washoe County may contact the Washoe County Health District at: (775) 328-2434.
- Facilities in Clark County may contact the Southern Nevada Health District at: (702) 759-0603.
- Implementation time frames in this brochure apply immediately for UST systems located in Tribal Land.

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## **NDEP-BCA**

*Our mission is to preserve and enhance the environment of the state in order to protect public health, sustain healthy ecosystems, and contribute to a vibrant economy*



Requirement	Effective Date	Summary of Important Changes
<b>Walkthrough Inspections</b>	First inspection must be conducted <b>no later than</b> October 13, 2018	<p>Owners and operators must conduct walkthrough inspections, which must be done according to a <i>nationally recognized code of practice</i>, and which must check the following equipment:</p> <p><b>Every 30 Days:</b></p> <ol style="list-style-type: none"> <li>1) Spill Prevention Equipment—visually check for damage, remove liquid or debris, check for and remove obstructions in the fill pipe, and check the fill cap to make sure it is securely on the fill pipe; <i>and</i></li> <li>2) Release Detection Equipment—check to make sure the release detection equipment is operating with no alarms or other unusual operating conditions present, and ensure records of release detection testing are reviewed and current.</li> </ol> <p><b>Annually:</b></p> <ol style="list-style-type: none"> <li>1) Containment Sumps—visually check for damage, leaks to the containment area, or releases to the environment; remove liquid (in contained sumps) or debris.</li> </ol>
<b>Equipment Testing and Maintenance</b>	First test must be conducted <b>no later than</b> October 13, 2018	Spill Prevention Equipment must be tested at least <b>every three years</b> for liquid tightness (or use a double-walled spill bucket with periodic interstitial monitoring).
		Containment Sumps used for interstitial monitoring of piping must be tested <b>every three years</b> for liquid tightness (or use a double-walled containment sump with periodic interstitial monitoring).
		Overfill Prevention Equipment must be inspected <b>every three years</b> to ensure equipment is set to activate at the appropriate level in the tank and will activate when regulated substances reach that height.
		<p>All Release Detection Equipment must be tested <b>annually</b> to ensure equipment is operating properly. The testing must be done in accordance with the <i>manufacturer's instructions</i> or a <i>nationally recognized code of practice</i>. At a <i>minimum</i>, the following must be tested:</p> <ol style="list-style-type: none"> <li>1) Automatic Tank Gauge—test alarm, verify system configuration, and test battery backup;</li> <li>2) Probes and Sensors—inspect for residual buildup, ensure floats move freely, ensure shaft is not damaged, ensure cables are free of kinks and breaks, and test alarm operability and communication with automatic tank gauge; <i>and</i></li> <li>3) Automatic Line Leak Detectors—test operation by simulating a leak (the test is the same as currently required, but now testing will be required for both mechanical <i>and</i> electronic line leak detectors).</li> </ol>
<b>Overfill Prevention</b>	Immediately	<p>Flow restrictors in vent lines (“ball float valves”) can no longer be installed on new UST systems. If an existing ball float valve is determined to be defective, and cannot be repaired, it must be replaced with:</p> <ol style="list-style-type: none"> <li>1) An automatic shutoff device (“flapper valve”) that automatically shuts off flow into the tank when the tank is no more than 95 percent full; <i>or</i></li> <li>2) An overfill alarm that alerts the delivery driver no later than when the tank is 90 percent full or within one minute of being overfilled.</li> </ol>
<b>Leak Detection</b>	Immediately	<p>Facilities that use Statistical Inventory Reconciliation (SIR) to meet leak detection requirements must now meet all of the following requirements:</p> <ol style="list-style-type: none"> <li>1) Report a quantitative result with a calculated leak rate (qualitative pass/fail result is no longer acceptable);</li> <li>2) Be capable of detecting a leak rate of 0.2 gallon per hour or a release of 150 gallons within 30 days; and</li> <li>3) Use a threshold that does not exceed one-half the minimum detectible leak rate.</li> </ol>
	October 13, 2018	USTs storing fuel for emergency power generation must begin meeting all release detection requirements on October 13, 2018.
<b>Notification</b>	Immediately	<p>Any person who assumes ownership of a UST system must submit a notice of the ownership change to NDEP <b>within 30 days</b> of the acquisition.</p> <p>Owners and operators must notify NDEP <b>at least 30 days prior</b> to switching to a regulated substance containing greater than 10% ethanol or 20% biodiesel.</p>
<b>Compatibility</b>	Immediately	<p>Owners and operators of UST systems storing regulated substances containing greater than 10% ethanol or 20% biodiesel must demonstrate that the UST system (including the tank, piping, containment sumps, pumping equipment, release detection equipment, spill equipment, and overfill equipment) is compatible with the regulated substance by:</p> <p><b>Certification</b> by a nationally recognized, independent testing laboratory; <i>or</i> <b>Written approval</b> from the component or equipment manufacturer.</p> <p>Owners and operators of these UST systems must maintain records to demonstrate compliance with this requirement for as long as the UST system is storing such substances.</p>