



Underground Storage Tanks (UST) Requirements at a Glance

Checklist can be used in conjunction with: UST Monthly/Annual O&M Walkthrough Inspections, UST Under-Dispenser Containment Visual Monthly Log, or owner/operator provided templates.

The use of this form is optional. The above-mentioned templates are adapted from EPA's Operating and Maintaining Underground Storage Tank Systems (February 2016)

Requirements in this table must be performed by an ADEQ Certified Service Provider (SP)				
Authorized Service Provider Program link: http://azdeq.gov/node/1810				
Requirement	Code/Statue	Frequency	Did the SP...	
ATG/Monitor Certification	R18-12-240(A)(3)	Annually	Test: Alarm, Battery Backup, Operation, Line leak detector Verify: System Configuration Check: Sensors/Probes for buildup, freedom of movement, damage, cables for kinks/breaks, inspect pumps/gauges, and Handheld RD devices for proper operation	<input type="checkbox"/>
Line Tightness Testing	R18-12-241(C)(1)(b)	Annually	Test in accordance with R18-12-244(B) or monthly monitoring with R18-12-244(C)	<input type="checkbox"/>
Line Leak Detector Report	R18-12-244(A)	Annually	Verify: Alarm will alert operator and restrict or stop flow when leak detected. Verify that Detection rate \leq 3.0 GPH	<input type="checkbox"/>
Spill Prevention Equipment/Containment Sump Tightness Testing	R18-12-235(A)(1)(b)	Triennially	Sumps: Fill to 4" above highest penetration, verify water level drop < 1/8" Buckets: Fill to within 1 1/2" of top, verify water level drop < 1/8"	<input type="checkbox"/>
Overfill Prevention Equipment Inspection	R18-12-235(A)(2)	Triennially	Inspect for correct activation level (<95%) and functionality	<input type="checkbox"/>
Corrosion Protection Inspection	R18-12-231(B)(1)	Triennially	Test system for proper operation in accordance with R18-12-281(J)	<input type="checkbox"/>

Requirements in this table may be performed by an ADEQ Certified Service Provider or Trained/Certified Class A/B Operator				
Requirement	Code/Statue	Frequency	Did the SP/Operator...	
Release Detection reporting	R18-12-243(G)(1)	Monthly	Print 12 consecutive months of RD tapes (most recent) Verify that detection rate is \leq 0.2 GPH Check and resolve any failed tests or sensor errors	<input type="checkbox"/>
Operations and Maintenance Walkthrough inspections for Spill Prevention and Release Detection Equipment	R18-12-236(A)(1)(a)	Monthly	Spill Prevention: Visually check for damage and proper fill cap fit/seal, Remove debris/liquid/obstructions Release Detection: confirm no alarms or unusual operational conditions Verify that testing records are current	<input type="checkbox"/>
Operations and Maintenance Walkthrough inspections for Containment Sumps and Handheld Release Detection Equipment	R18-12-236(A)(1)(b)	Annually	Containment Sumps: visually check for damage/leaks remove liquid/debris Handheld: check for functionality	<input type="checkbox"/>
Corrosion Protection Inspection (Cathodic Protection/Impressed Current)	R18-12-231(C)	Bi-Monthly	Check that Cathodic Protection voltage is less than (more negative) or equal to -0.85V Check that Impressed Current Volt or Amp meter DOES NOT read 0 Check that Volt or Amp meter reading do not show increasing/decreasing trend	<input type="checkbox"/>
Under-Dispenser Containment Visual Inspection	49-1009(D)	Monthly	Check for any liquid or debris in UDCs, if product is discovered investigate and repair source of leak Check that any sensors are installed at correct level and functional	<input type="checkbox"/>