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	☐
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)	☐
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 ≤ 3.0 GPH	☐
Tank Tightness Testing	R18-12-243(C)	Annually	**Verify**: Tank is tight per specifications, testing capable of detecting 0.1 gal/hr. leak rate from any portion of tank.	☐
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 ½" of top, verify water level drop < 1/8"	☐
Overfill Prevention Equipment Inspection	R18-12-235(A)(2)	Triennially	**Inspect** for correct activation level (<95%) and functionality	☐
Corrosion Protection Inspection	R18-12-231(B)(1)	Triennially	**Test** system for proper operation in accordance with R18-12-281(J)	☐

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 ≤ 0.2 GPH **Check** and resolve any failed tests or sensor errors	☐
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	☐
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	☐
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	☐
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	☐