

Underground Storage Tank Checklist Summary of Violations

ALL UNDERGROUND



TANK & PIPING SYSTEMS

This is an inspection element checklist of common types of violations of Federal, State, or local laws and regulations. For specific details about your inspection, refer to your Notice to Comply (NTC).

VIOLATION CODE	AUTHORITY	DESCRIPTION
File Review		
Facility / Tank Information		
Q658	23 CCR 16 2711(d); HSC 6.7 25284	Facility has a valid Permit to Operate from the CUPA
Q659	23 CCR 16 2711; HSC 6.7 25284, 25286	UST Operating Permit Application for Facility Information and Tank Information submitted/maintained
Q662	23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h)	A complete and accurate UST Response Plan has been submitted, approved and maintained
Q663	23 CCR 16 2632(d)(1)(C), 2711(a)(8)	A complete and accurate Plot Plan has been submitted, approved and maintained
Q666	HSC 6.7 25299	Owner/Operator has not made false statements or representation on any required document
Q667	23 CCR 16 2715(a)(1)(B), 2715(a)(3)	Owner/Operator submitted DO form and/or informed the CUPA of any change(s) within 30 days (TCR 10)
Q729	23 CCR 16 2711(a)(11); 23 CCR 18 2808.1,2809-2809.2; HSC 6.7 25292.2(a); HSC 6.75 25299.30-25299.34	Submit/maintain current Certificate of Financial Responsibility/mechanism of financial assurance (TCR11)
Q743	23 CCR 16 2712(i)	Failure to maintain on site an approved Monitoring Plan
Q744	23 CCR 16 2620(b); HSC 6.7 25284(a)(3(A)& (B))	Written agreement between the tank owner and tank operator to monitor the tank system is maintained
Q775	23 CCR 16 2632(d)(1), 2634(d), 2641(h)	Monitoring Plan Approval
Q776	23 CCR 16 2632(d)(2), 2634(e), 2641(h)	Response Plan Approval
Q816	23 CCR 16 2715(a)(1)(A), 2715(a)(2)	"Underground Storage Tank Statement of Understanding and Compliance Form" submitted (TCR 10)
Testing		
Q668	23 CCR 16 2638(a) & (b), 2641(j), 2715(f)	Leak detection equipment tested by qualified service technician every 12 months (TCR 9d)
Q669	23 CCR 16 2637(a), 2637(b), 2637(c),2637(d), 2712(b)(1)(F)	Sec Containment Testing conducted per requirements & records kept for 36 months (TCR 9d)
Q671	23 CCR 16 2637(e), (f)	Secondary containment test results submitted to the CUPA within 30 days after the test
Q672	23 CCR 16 2636(f)(3), 2643(c)(3); HSC 6.7 25290.2(g), 25291(f), 25292(e)	Line integrity test completed on DW press piping every 12 months if no fail safe / + shutdown (TCR 9d)
Q673	23 CCR 16 2643(d), 2661(f)	0.1 gph piping test conducted on SW suction systems every 36 months and after piping repair (TCR 9d)
Q674	23 CCR 16 2643(e), 2661(f)	0.1 gph piping test conducted on SW gravity systems every 24 months and after piping repair (TCR 9d)
Q675	23 CCR 16 2663, 2712(b)(6)	Tank lining inspected w/in 10 years of lining, every 5 years after, cert submitted to CUPA (TCR 9c)
Q678	23 CCR 16 2644.1(a)(5)	ELD testing results sent to the board and the CUPA within 60 days of completion of the test
Q679	23 CCR 16 2646.1(j)	SIR Report submitted annually to the CUPA
Q680	23 CCR 16 2637(g), 2637.1(f), 2637.2(f) 2638(e),2643(g),2644.1(a)(4)	CUPA was properly notified within the prescribed number of hours prior to testing
Q778	23 CCR 16 2638(c), 2638(d)	Annual Monitoring System Certification Submittal

Q817	23 CCR 16 2637.1(d), 2637.1(e)	Spill Container Testing Report Submittal
Q818	23 CCR 16 2637.2(d), 2637.2(e), 2665(a), 2665(b)	Overfill Prevention Equipment Inspection Report Form Submittal
UST System Observations		
General Monitoring		
Q686	23 CCR 16 2638(a), 2641(j)	Leak detection equipment properly programmed or properly operated (TCR 9d)
Q687	23 CCR 16 2632(c)(2)(B), 2634(d)(1)(A), 2636(f)(1)	Leak detection system maintains continuous monitoring that activates an audible and visual alarm
Q688	23 CCR 16 2631(g), 2632(c)(2)(A)&(B)	Annular space of USTs are continuously monitored with an audible and visual alarm system (TCR 9d)
Q690	23 CCR 16 2638(f)	Tag/sticker on affixed monitoring equipment being certified, repaired, or replaced
Q692	23 CCR 16 2636(f)(4)	Piping out of UDC is fail-safe/shut down, UDC leak shuts off pump/flow, or tightness test (TCR 9d)
Q693	23 CCR 16 2636(f)(1), 2666(b)(2)	DW press piping is monitored with an audible/visual alarm or stops flow at UDC (TCR 9d)
Q697	HSC 6.7 25291(b)	System constructed with a monitoring system capable of detecting entry into secondary containment
Q700	23 CCR 16 2630(d), 2641(a)	Leak detection equipment located so leak is detected at the earliest possible opportunity (TCR 9d)
Q701	HSC 6.7 25299(a)(9)	Leak detection equipment has not been tampered with or disabled (TCR 9d)
Q702	HSC 6.7 25290.2(d)	System constructed with a monitoring system capable of detecting entry into secondary containment
VPH Monitoring		
Q704	HSC 6.7 25290.1(e)	Interstitial space of the UST is under constant VPH monitoring (TCR 9d)
Q705	HSC 6.7 25290.1(d)	System constructed with a monitoring system capable of detecting entry into secondary containment
Cathodic Protection		
Q706	23 CCR 16 2635(a)(2), 2636(b), 2662(c)(1)(B), 2712(b)(3)	Cathodic protection is installed/maintained as required, including required documentation (TCR 9c)
Single Walled Piping Monitoring		
Q708	23 CCR 16 2643(c)(2), 2643(c)(3), 2661(f); HSC 6.7 25292(e)(2)	.2 gph mthly or .1 gph yrly tests performed on piping, and .1 gph w/in 30 days of repair (TCR 9d)
Single Walled Tank Monitoring		
Q694	23 CCR 16 2643(b)(3)	SW tank continuous in tank leak detection test is functioning properly (TCR 9d)
Q695	23 CCR 16 2643(b)(1)	Monthly 0.2 gph ATG test is being conducted and copies of test results are available (TCR 9d)
Q698	23 CCR 16 2641(e); HSC 6.7 25292(a)	SW UST system has monitoring system capable of detecting releases (TCR 9d)
Q707	23 CCR 16 2647, 2648, 2712(b)(4)	Groundwater and/or vadose zone monitoring conducted, or site assessment maintained (TCR 9d)
Suction Piping		
Q714	23 CCR 16 2636(a)(3), 2641(b)	Suction piping sloped to drain back into storage tank, one check valve and inspections conducted
Tank In Below Grade Structure		
Q780	HSC 6.7 25283.5(a)	Tank In Below-Grade Structure
Line Leak Detector		
Q709	23 CCR 16 2636(f)(2), 2636(f)(5)(B), 2643(c)(1), 2666(f); HSC 6.7 25290.1(h), 25290.2(g), 25291(f), 25292(e)	Line Leak Detector (LLD) - Installed (TCR 9d)
Q712	23 CCR 16 2666(c), 2643(c)(1)	LLD on SW press piping tests hrly, detects 3 gph leak, shuts down pump if leak or LLD fails (TCR 9d)
Q713	23 CCR 16 2636(f)(2)	Line Leak Detector (LLD) – Double-Walled Pressurized Pipe (TCR 9d)
Secondary Containment		

Q716	HSC 6.7 25290.1(c)(3), 25290.2(c)(3)	Secondary containment installed after July 1, 2003 is free of water
Q717	23 CCR 16 2630(d), 2641(a)	Secondarily contained piping allows liquid to flow into the sump in the event of a leak (TCR 9d)
Q719	HSC 6.7 25290.1(c), 25290.1(e), 25290.2(c), 25291(a)(2)	Secondary containment maintained tight and has been confirmed by testing
Q721	23 CCR 16 2635(b), 2637.1(a), 2637.1(b), 2637.1(c), 2665(a), 2665(b), 2712(b)(1)(F); HSC 6.7 25284.2	Spill buckets meet requirements, have been tested as required, and records kept for 36 months (TCR 9a)
Overfill		
Q724	HSC 6.7 25292.1(a)	UST system is operated to prevent unauthorized release, including spills and overfills
Q725	23 CCR 16 2635(c)(1), 2635(d), 2637.2(a) 2637.2(b), 2637.2(c), 2665, 2712(b)(1)(G)	Overfill prevention system has not been overridden and meets overfill requirements (TCR 9b)
Emergency Generator Tank		
Q779	23 CCR 16 2636(f), 2666(c), 2666(f)	E Gen System LLD detects 3 gph leak & restricts/shuts off flow or activates aud/vis alarm (TCR 9d)
On Site Records		
Certifications		
Q726	23 CCR 16 2715	Required designated operators or contractors maintain a proper and current ICC certification
Q730	23 CCR 16 2631(j), 2631(l), 2631.1(b), 2640.1, 2665(b), 2666(b)(2), 2666(e)(2), 2711(c), 2712(b)(5)	Positive statement of compatibility for UST system components submitted and maintained on site
Designated Operator		
Q731	23 CCR 16 2716(f)	Designated Operator - Inspection Records (TCR 12)
Q732	23 CCR 16 2716(a) through (e)	DO inspections completed at least every 30 days and meet all requirements (TCR 12)
Q736	23 CCR 16 2715(c), 2715(c)(1), 2715(c)(2)	Initial and annual training provided to employees and at least one trained employee is present
Q777	23 CCR 16 2715(c)(3), 2715(c)(4)	Copies of Facility Employee Training Certificates maintained
Logs		
Q734	23 CCR 16 2712(b)(1)and(2)	Leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained (TCR 9d)
Q735	23 CCR 16 2643(d)	Single-Walled Conventional Suction Monitoring and Record Keeping TCR 9d)
Q737	HSC 6.7 25281.5(b)(3)	Unburied fuel piping visually inspected at least monthly and log kept
Q738	HSC 6.7 25281.5(b)(2)	Unburied fuel piping at marinas visually inspected at least daily and log kept
Q739	23 CCR 16 2646.1(d)	When SIR results indicate failure: The facility met all corrective action requirements
Q740	23 CCR 16 2643(b)(2), 2646.1(a)-(h),(j),(k)	Statistical Inventory Reconciliation (SIR) (TCR 9d)
Maintenance / Tests		
Q741	23 CCR 16 2712(b)(6)	Repairs, linings, and upgrade records maintained for the proper time period
Q774	HSC 6.7 25293	UST records sufficiently maintained to document compliance
General Operating Requirements		
Reporting Unauthorized Release		
Q745	23 CCR 16 2651; HSC 6.7 25294	Suspected or actual unauthorized release recorded in appropriate time frame
Q781	23 CCR 16 2650(e), 2652; HSC 6.7 252959(a)(1)	Owner/Operator notified/prepared report upon discovery of unauthorized release (TCR 9d)
Permit Condition/Approval		
Q748	23 CCR 16 2715(c)(2)	Owner/Operator received approval and has implemented a training program at an unstaffed facility
Q749	23 CCR 16 2630(d), 2632(c)(2)(A),2643(f),2644.1(a)(2)	Facility demonstrated that methods used to monitor the UST system complies with standards (TCR 9d)
Q782	23 CCR 16 2712(i)	Failure to Retain Operating Permit

Red Tag		
Q750	23 CCR 16 2717.1(g)	Red Tag information is legible and has not been tampered with
Q751	23 CCR 16 2717.1(f), HSC 6.7 25292.3(c)	Red Tag Deposit
Q916	HSC 6.7 25292.3(c)(1)(C)	Red Tag Dispensing
Tank Closure		
Q752	23 CCR 16 2670(b),(e),(f), 2671; HSC 6.7 25298	Facility is in compliance with temporary closure requirements
Q753	23 CCR 16 2670, 2672; HSC 6.7 25298(c.)	UST system properly closed and complies with permanent closure requirements
Install / Repair		
Q754	HSC 6.7 25292.4(d), 25292.5(c.)	Repaired and retested the system due to a failed ELD test when located within 1000' of public well
Q759	23 CCR 16 2631.1, 2660(m); HSC 6.7 25290.1(c)(1), 25290.2(c)(1), 25291(a)(1)	UST system is made of or lined with materials that are compatible with the substance stored
Q760	23 CCR 16 2631(c), 2662(d)	Striker plate installed and positioned correctly
Q761	23 CCR 16 2631(b), 2631(d), 2666(b)(2), 2666(e)(2)	Non-integral secondary containment designed and constructed to an engineering specification
Q771	SCC 6.34.035; 23 CCR 16 2712	Permits obtained to install, replace, repair, or modify part of the UST system
Q783	HSC 6.7 25290.1(c)(1), 25290.2(c)(1), 25291(a)(1); 23 CCR 16 2631(a)	UST Primary Containment
Q819	23 CCR 16 2666(b)(2)	Failure to upgrade single wall pipe.

01-14-2022 HR W:\DATA\FORMS\ARCHIVE\HM\UST\VIOLATION CHECKLIST DEC 2021.doc