

Checklist Summary of Violations for Underground Storage Tanks For All Tank & Piping Systems


(Page 1 of 3)

(Emergency Generator, Single-Walled & Vaulted Also Require Checklist Addendum for Less Common Systems)

FACILITY ID#:	SPECIALIST:	INSPECTION DATE:
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DBA/FACILITY NAME:	ADDRESS:
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ALL UNDERGROUND



TANK & PIPING SYSTEMS

INSTRUCTIONS:

- Violations summarized on this checklist are further denoted on the **Notice To Comply**. Violations of items in bold and italics require priority corrective action within 14 days; all other violations require compliance within 30 days.
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			C	V	NA	RV

General Permit Provisions, Recordkeeping & Document Submittal

U130	CHSC 25284 (a)	UST has a current Permit to operate and permit is maintained on-site.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U131	23CCR 2711	Adequate completion / submission of UST Facility Form and UST Tank Form(s).	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U132	23CCR 2632, 2634 or 2641	Adequate completion / submission of UST written monitoring plan and UST response plan for unauthorized releases with copies of both plans on-site.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U133	23CCR 2711 (a)(11)	Adequate completion / submission of financial responsibility documents.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U134	23CCR 2712 (b)	Written records for monitoring &/or maintenance kept on-site 3 years (for equipment calibration/maintenance), 5 years (for written performance claims), and / or 6½ years (for cathodic protection system maintenance).	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U135	23CCR 2715	Adequate completion / submission of owner statement indicating UST compliance and designated operator.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U136	23CCR 2715	Designated operator is certified to perform visual inspections and maintain accurate records of inspections on-site for 12 months and to train facility employees in proper operation and maintenance.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>

Release Reporting Requirements

U140	23CCR 2650, 2651, 2652	Owner / operator has properly notified EMD of any unauthorized release and / or any activities that may result in an unauthorized release.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U141	23CCR 2650, 2651, 2652	Owner / operator has properly recorded any unauthorized release and / or any activities that may result in an unauthorized release.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>

Tank System

U150	CHSC 25286 & 23CCR 2661	Repairs, upgrades and/or changes to the UST system (including monitoring system) have been properly reported, recorded (e.g. EMD Approval / Permit) and tested.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U151	23CCR 2631	Non-motor vehicle fuel USTs and pipe are double-walled.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U152	23CCR 2635 (b)	Tank has approved methods of spill containment (spill bucket has minimum capacity of 5 gallons with a means to empty and corrosion protection).	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U153	23CCR 2635 (b)	Tank has an approved method of overfill prevention (e.g. flapper valves).	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U154	23CCR 2636 (g)	UST system is equipped with an approved method of under dispenser containment (UDC) that is continuously monitored.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U155	23CCR 2630 (d) & 2641 (a)	Secondary containment system is equipped with a monitoring device capable of detecting a hazardous substance leak from the primary containment at the earliest possible opportunity.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U156	CHSC 25291 (e)	Facility contains means for the owner or operator to properly remove water from secondary containment system. Water removed from secondary containment is analyzed and disposed of properly.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U157	23CCR 2632	Annular space continuously monitored and connected to an audible and visual alarm.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>

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TANK & PIPING SYSTEMS

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Piping Systems

All Pressurized Piping

U160	23CCR 2636 (f) (2) & 2643 (c) (1)	Pressurized piping is equipped with a line leak detector that is certified by a licensed / certified contractor every 12 months with test results submitted to EMD within 30 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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Double-walled Pressurized Piping

		Option 1: Continuous monitoring + automatic shut-off feature				
U161	23CCR 2636 (f)	Piping has all of the following: 1. Under dispenser containment and a continuous monitoring system that either shuts down the turbine or stops flow at the dispenser AND shuts down the turbine if a leak is detected. 2. A fail-safe mechanism for piping outside of the under dispenser containment. 3. A line leak detector as of November 9 th , 2004.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>

		Option 2: Continuous monitoring + audible / visual alarm feature				
U162	23CCR 2636 (f)	Piping has all of the following: 1. Under dispenser containment and a continuous monitoring system that activates an audible / visual alarm or stops the flow at the dispenser. 2. A line leak detector. 3. An annual 0.1 gph line tightness test. Test results sent to EMD within 30 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>

Double-walled Suction & Gravity Piping

U163	23CCR 2636 (f)	Secondary containment for piping, including under dispenser containment, has a continuous monitoring system that activates an audible/visual alarm OR stops the flow of product at the dispenser when a leak is detected.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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Single-walled Pressurized Piping

U164	23CCR 2643 (c)	Piping has a line leak detector (LLD) capable of detecting a 3.0 gph leak at 10 psi within one hour. The LLD shall restrict or shut off the flow of product or trigger a visual and audible alarm. LLD performs 0.2 gph release detection test monthly or an annual 0.1 gph test is conducted. LLD test results submitted to EMD within 30 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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Single-walled Conventional Suction & Gravity Piping

U165	23CCR 2643 (d)	Any single-walled conventional piping is tested every three years to ensure a 0.1 gph release detection threshold. Test results submitted to EMD within 30 days. Piping monitored daily, monthly for Emergency Generators, for presence of air due to leaks (e.g. pump skipping/overspeeding or erratic flow) with written records of such kept on site.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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U166	CCR 2643(e)	Any single-walled gravity flow piping (excluding vertical drops) is tested every two years with a 0.1 gph release detection threshold at a pressure designated by the equipment manufacturer. Test results submitted to EMD within 30 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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Safe Suction Piping

U167	23CCR 2636 (a) (3) & 2641 (b)	Single-walled or double-walled safe / European suction is sloped so that the contents of the piping drain back into the storage tanks and only one check valve is located directly below the suction pump. Construction can be verified. Such piping is exempt from monitoring requirements.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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County of Sacramento • Environmental Management Department • Environmental Compliance Division


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Testing and Certifications

Monitoring System Certification

U170	23CCR 2638	Monitoring equipment is certified by a licensed / certified contractor as operable and is maintained in accordance with manufacturer's instructions every 12 months. Test results submitted to EMD within 30 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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Secondary Containment Testing

U171	23CCR 2637	Secondary Containment test initially conducted by 12/31/02 or within 6 months of installation and every 36 months thereafter. Test results submitted to EMD within 30 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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Enhanced Leak Detection Testing

U172	23CCR 2640	Tanks systems having any single-walled component located within 1,000 feet of a public drinking water well has a program of enhanced leak detection or monitoring.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U173	23CCR 2644.1	Tank systems having any single-walled component located within 1,000 feet of a public drinking water well performs enhanced leak detection every three years after initial implementation. Test results for system submitted to EMD within 60 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
U174	CHSC 25292.5	Double-walled tank systems installed before July 1, 2003 located within 1000 feet of any public drinking water well has a one time program of enhanced leak detection or monitoring prior to January 1, 2005.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>

Cathodic Protection Systems

U175	23CCR 2635 (a)(2) & 2660	System is cathodically protected and tested by cathodic protection tester within 6 months of installation and every 3 years thereafter and impressed current system inspected every 60 days. Test results submitted to EMD within 30 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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Spill Bucket Testing

U176	CHSC 25284.2	Spill buckets tested every 12 months. Test results submitted to EMD within 30 days of test date.	<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>
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Observations / Recommendations

OBS/REC	None	Any comments entered with this code are observations or recommendations only and are not violations. Such information is educational or suggested preventative practice but is not currently required.
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