



**COUNTY OF ALAMEDA
ENVIRONMENTAL HEALTH DEPARTMENT**

UNDERGROUND STORAGE TANK COMPLIANCE INSPECTION REPORT

Facility Name:	Date of Inspection:
Address:	Inspected by:
Contact:	Type of Inspection: <input type="checkbox"/> Annual Compliance <input type="checkbox"/> Re-inspection <input type="checkbox"/> Complaint

Tank ID: 01-000- <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Size				
Contents				
Construction				
Tank Monitoring:				
<u>DW</u> : Interstitial <input type="checkbox"/> Dry <input type="checkbox"/> Brine/Hydrostatic <input type="checkbox"/> Vacuum/Pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>SW</u> : ATG 0.2 monthly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>SW</u> : Continuous In-Tank Leak Detection (CSLD)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Other Description:</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping Monitoring				
<u>DW Suction</u> : Continuous Interstitial at UDC and Tank Sump.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>DW Pressurized</u> : Interstitial at UDC and Turbine Sump and 3.0 gph LLD, Auto-shutdown and Failsafe.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>DW VPH Monitoring</u> : Includes lines, sumps, fill pipe, vapor lines, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>SW Conventional Suction</u> : Triennial 0.1 gph line test., and daily monitoring.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>SW Pressurized</u> : Line 0.1 gph annual or 0.2 gph monthly line test and LLD with Auto-Shutdown.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>SW or DW Safe Suction</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>DW or SW</u> : Gravity Flow Pipe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Other Description</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

References to the Health and Safety Code, the California Code of Regulations and the Code of Federal Regulations throughout this Appendix are intended to be useful but are not necessarily exhaustive of all legal references that might apply or be relevant to a specific compliance determination. Laws and regulations are subject to change, so the references contained herein may not be up to date. It is the responsibility of the owner and operator to know and comply with all applicable legal requirements.

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Compliance	Requirements:	Minor	Class 2	Class 1	TBD		
<input checked="" type="checkbox"/>	File Review						
<input type="checkbox"/>	1 UST Permit to Operate is current. <i>HSC 25284(a), 25299(a)(1) 25299 (b)(1)</i>					<input type="checkbox"/>	
<input type="checkbox"/>	2 Transfer of permit and/or change of information provided within 30 days of ownership/information changes. <i>HSC 25284(b) and (c); T23 CCR 2712(d)</i>					<input type="checkbox"/>	
<input type="checkbox"/>	3 UST form information current/correct for facility. <i>HSC 25286(a)</i>					<input type="checkbox"/>	
<input type="checkbox"/>	4 Fees are paid up-to-date. <i>HSC 25285(c), 25287</i>					<input type="checkbox"/>	
<input type="checkbox"/>	5 Monitoring Plan approved for current owner with appropriate content and level of detail. <i>T23 CCR 2632(d), 2634 (d), 2641(h)</i>					<input type="checkbox"/>	
<input type="checkbox"/>	6 Current Emergency Response Plan submitted with appropriate content and level of detail. <i>T23 CCR 2632(d), 2634 (d), 2641(h)</i>					<input type="checkbox"/>	
<input type="checkbox"/>	7 Plot Plan/Site Map submitted with appropriate content and level of detail. <i>T23 CCR 2711(a)(8)</i>					<input type="checkbox"/>	
<input type="checkbox"/>	8 Owner/Operator agreement submitted, if required. <i>HSC 25284(a)(3)</i>					<input type="checkbox"/>	
<input type="checkbox"/>	9 "Certification of Compliance" and "Designated Operator Certification" submitted by current tank owner. <i>T23 CCR 2715</i>					<input type="checkbox"/>	
<input type="checkbox"/>	10 "Certificate of Financial Responsibility" submitted and is current for the permit period. <i>HSC section 25292.2, 25299.30-25299.34; T23 CCR 2711; T23 2808.1; 2809-2809.2</i>					<input type="checkbox"/>	
<input type="checkbox"/>	11 Monitoring system most recent certification conducted within allowable timeframe (sensors and console). Results submitted and show all required components with passing results. <i>HSC 25284.1(a)(4)(c); T23 CCR 2638</i>					<input type="checkbox"/>	
<input type="checkbox"/>	12 Spill bucket most recent test results conducted within allowable time frame. Results submitted and indicate a passing test. <i>HCS 25284.2</i>					<input type="checkbox"/>	
<input type="checkbox"/>	13 Leak Detector testing conducted within allowable time frame. The most recent annual certification submitted and shows passing results. <i>40 CFR 280.40(a)(2), 280.43(g)(1)&(2), 280.44(a); HSC 25292(e); T23 CCR 2638, 2641(j)</i>	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/>	14 Secondary containment testing conducted within allowable time frame. Most recent testing results submitted and indicate a passing test. <i>HSC 25284.1(a)(4)(B); T23 CCR 2637(a)</i>					<input type="checkbox"/>	
<input type="checkbox"/>	15 Pipeline and/or tank integrity testing conducted within allowable time frame. Most recent testing results submitted and indicate passing results. Repaired tanks/piping are tested within 30 days of the repair. <i>40CFR 280.33, 280.40, 280.41, 280.44; T23 CCR 2636(f), 2643(b)(3), (c)(3), (d) & (e), 2661</i>	R P	R P	R P	R P	<input type="checkbox"/>	
<input type="checkbox"/>	16 ELD test conducted within allowable time frame. Most recent test results submitted and passing results achieved. <i>T23 CCR 2644.1</i>					<input type="checkbox"/>	

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Compliance	Requirements:	Minor	Class 2	Class 1	TBD		
	Significant Operational Compliance RD=Release Detection RP=Release Prevention						
<input type="checkbox"/>	17 The corrosion protection system is checked by a corrosion specialist within six months of installation/repair and at least every three years thereafter; results show protection to be adequate. 40 CFR 280.31, 280.70; T23 CCR 2635(a)(2)	R P	R P	R P	R P	<input type="checkbox"/>	
<input type="checkbox"/>	18 Tank Lining recertification is current (within 10 years of lining and every 5 years thereafter). 40 CFR 280.21(b)(1)(ii); T23 CCR 2663(h)	R P	R P	R P	R P	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	On-Site Review						
	This inspection is being conducted during the annual monitoring certification. X YES <input type="checkbox"/> NO The service technician has provided ICC Certification and manufacturers training documentation, and possesses a tank tester's license or works under a CSLB contractor's license. X YES <input type="checkbox"/> NO						
	Tank/Piping Components, Monitoring and Monitoring Equipment.						
	General						
<input type="checkbox"/>	19 Tank systems meet current construction standards as required for type of system. HSC 25288					<input type="checkbox"/>	
<input type="checkbox"/>	20 Hazardous substance tanks have secondary containment. 40 CFR 280.42(b); T23 CCR 2631	R P	R P	R P	R P	<input type="checkbox"/>	
<input type="checkbox"/>	21 Electronic monitoring system has audible and visual alarm in operating condition. T23 CCR 2632, 2634, 2636					<input type="checkbox"/>	
<input type="checkbox"/>	22 Monitor console programmed appropriately for monitoring option used. T23 CCR 2638, 2643, 2643.1					<input type="checkbox"/>	
<input type="checkbox"/>	23 Tank systems in temporary closure meet the leak detection and closure requirements. 40CFR 280.70; T23CCR 2670	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/>	24 Overfill Prevention mechanism present and operational according to type: <input type="checkbox"/> Flapper valve <input type="checkbox"/> Audible-visual alarm <input type="checkbox"/> ball float. <input type="checkbox"/> A/V alarm and Ball Float 40CFR 280.20(c)(1)(ii), 280.21(d); T23 CCR 2635(b)(2), 2631(d)(4)	R P	R P	R P	R P	<input type="checkbox"/>	
<input type="checkbox"/>	25 Spill prevention device is present and functional, (in good condition and drain mechanism operational). 40CFR 280.20(c)(1)(i), 280.21(d); T23 CCR 2635(b)(1)	R P	R P	R P	R P	<input type="checkbox"/>	
<input type="checkbox"/>	26 Piping and piping penetration boots within sumps/UDC are in good condition. HSC 25288(a), 25292.1					<input type="checkbox"/>	
<input type="checkbox"/>	27 All sumps, spill buckets, UDC's free from debris and liquid. HSC 25291(e), 25290.1, 25290.2; CCR 2635(b)(1)(C)					<input type="checkbox"/>	
<input type="checkbox"/>	28 Area around vents appears free from signs of liquid releases. HSC 25288(a), 25290.1, 25290.2, 25295.5					<input type="checkbox"/>	
<input type="checkbox"/>	29 Release Detection methods are present and meet performance standards. (See LG-113) 40CFR 280.40(a)(3)	R D	R D	R D	R D	<input type="checkbox"/>	

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Compliance	Requirements:	Minor	Class 2	Class 1	TBD		
	<p>Significant Operational Compliance RD=Release Detection RP=Release Prevention</p>						
<input type="checkbox"/> 30	All sensors are correct for type of system and operational. 40CFR 280.40(a)(2), 280.43(g)(1)&(2); HSC 25290.1, 25290.2, 25291; T23 CCR 2638;	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 31	All sensors are located in the proper position/location. 40CFR 280.40(a)(1), 280.43(g)(1)&(2); HSC 25290.1, 25290.2, 25291; T23 CCR 2641(a)	R D	R D	R D	R D	<input type="checkbox"/>	
	<u>Tank Monitoring</u>						
	<u>OW</u>						
<input type="checkbox"/> 32	<input type="checkbox"/> Interstitial monitoring conducted properly. 40CFR 280.40(a)(2), 280.43(g)(1)&(2); T23 CCR 2636 (f)(1)	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 33	<input type="checkbox"/> VPH monitoring conducted properly.	R D	R D	R D	R D	<input type="checkbox"/>	
	<u>SW</u>						
	◇ Automatic Tank Gauging (ATG) / Continuous In-Tank Leak Detection (CITLD)						
<input type="checkbox"/> 34	ATG or CITLD 0.2 gph monthly test performed properly. 40 CFR 280.43; T23 CCR 2643(b)(1), 2643(b)(5)	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 35	ATG generates a hard copy printout of all data reported including time and date, tank id, fuel depth, water depth, temperature, liquid volume and duration of test. If installed after 1/1/95 printout includes calculated leak rate and leak threshold. T23 CCR 2643(b)(1)					<input type="checkbox"/>	
	◇ Tank Exemption						
<input type="checkbox"/> 36	Tanks/piping meet tank exemption criteria, and weekly visual monitoring records are kept up-to-date. HSC 25283.5					<input type="checkbox"/>	
	<u>Pipe Monitoring</u>						
	<u>OW</u>						
	◇ Continuous Monitoring System						
<input type="checkbox"/> 37	DW piping (gravity, suction, pressure) has continuous monitoring system that activates an audible and visual alarm in the turbine sump. T23 CCR 2636(f)(1)	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 38	DW piping in the UDC is continuously monitored and method either shuts down the flow of product to the dispenser or activates an audible and visual alarm. T23 CCR 2636(f)(1)					<input type="checkbox"/>	
<input type="checkbox"/> 39	An annual 0.1 gph line integrity test is performed properly. (Either third party or by Enhanced Line Leak Detection.) T23 CCR 2636(f)(4)	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 40	In lieu of the annual tightness test for DW pressurized piping, the monitoring system for all product piping outside the dispenser is fail-safe and shuts down the pump when a leak is detected and the monitoring system shuts down the pump or flow restriction occurs when a leak is detected in the UDC. T23 CCR 2636(f)(5)	R D	R D	R D	R D	<input type="checkbox"/>	

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Compliance	Requirements:	Minor	Class 2	Class 1	TBD		
	Significant Operational Compliance RD=Release Detection RP=Release Prevention						
<input type="checkbox"/> 41	Line Leak detectors installed annually tested and operational on DW pressurized piping that detects a 3.0 gph leak, and restricts or shuts off flow of product. <i>T23 CCR 2636(f)(2)</i>	R D	R D	R D	R D	<input type="checkbox"/>	
	◇ DW Emergency Generator Tank						
<input type="checkbox"/> 42	In lieu of LLD, continuous monitoring system of DW emergency generator tank activates audible and visual alarm, system is checked daily, and logs are kept. <i>T23 CCR 2636(f)(6)</i>	R D	R D	R D	R D	<input type="checkbox"/>	
	○ SW						
	◇ Line Integrity Testing						
<input type="checkbox"/> 43	SW pressurized piping: annual 0.1 gph line integrity test or a monthly 0.2 gph line integrity test is performed properly. <i>40 CFR 280.41, 280.44; T23 CCR 2643(c)(2),(3)</i>	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 44	SW conventional suction system: 0.1 gph line integrity test is performed every three years. <i>40 CFR 280.40, 280.41; T23 CCR 2643(d)</i>	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 45	SW conventional suction system: inspections conducted for presence of air in the pipeline. Daily monitoring records are kept. <i>T23 CCR 2643(d)</i>	R D	R D	R D	R D	<input type="checkbox"/>	
	◇ Safe Suction (SS) System						
<input type="checkbox"/> 46	Piping meets the SS requirements. <i>40 CFR 280.41; T23 CCR 2636(a)(3) (A-D)</i>	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 47	Line leak detectors installed, annually tested and operational on SW pressurized piping. Pump shuts down when a leak occurs and when the LLD fails or is disconnected. <i>T23 CCR 2666</i>	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 48	Line leak detectors installed, annually tested, and operational on SW emergency generator systems; LLD is connected to an audible and visual alarm. <i>40 CFR 280.40(a)(2), 280.43(g)(1),(2), 280.44(a); T23 CCR 2666</i>	R D	R D	R D	R D	<input type="checkbox"/>	
	Corrosion Protection						
<input type="checkbox"/> 49	Metal Tanks and piping components have corrosion protection, or are isolated from the backfill. <i>40 CFR 280.20, 280.21</i>	R P	R P	R P	R P	<input type="checkbox"/>	
<input type="checkbox"/> 50	Corrosion protection equipment turned on, functioning properly and provides continuous protection. <i>40 CFR 280.31(a),(b)(1); T23 CCR 2635</i>	R P	R P	R P	R P	<input type="checkbox"/>	
<input type="checkbox"/> 51	Impressed current systems checked every 60 days and records are up-to-date. <i>40 CFR 280.31(c); T23 CCR 2635(a)(2)</i>	R P	R P	R P	R P	<input type="checkbox"/>	
	On-site Paperwork						
<input type="checkbox"/> 52	Permit and conditions available on-site. Facility is operated according to permit and conditions. <i>HSC25293; 25299; T23 CCR 2712(i)</i>					<input type="checkbox"/>	
<input type="checkbox"/> 53	Monitoring and response plans are on-site and are the approved version. <i>T23 CCR 2712(i); 2632;2634; 2641</i>					<input type="checkbox"/>	
<input type="checkbox"/> 54	Site plan depicts current site conditions and has all required elements. <i>T23 CCR 2632(d)</i>					<input type="checkbox"/>	

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Compliance	Requirements: Significant Operational Compliance RD=Release Detection RP=Release Prevention	Minor	Class 2	Class 1	TBD		
<input type="checkbox"/> 55	All release detection records for monitoring method are available, up-to-date and appropriate for leak detection method. <i>40 CFR 280.41, 280.45</i>	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 56	All monitoring/testing records/documents are available for the required timeframe. (3 years, 6 ½ years, five years, life of tank.) <i>T23 CCR 2712</i>					<input type="checkbox"/>	
<input type="checkbox"/> 57	Equipment maintenance records/logs available. <i>T23 CCR 2712(b)</i>	R P	R P	R P	R P	<input type="checkbox"/>	
<input type="checkbox"/> 58	Alarm logs/tapes available and appropriate follow-up actions occurred. <i>T23 CCR 2712(b); 2632; 2634</i>					<input type="checkbox"/>	
<input type="checkbox"/> 59	Visual observation logs available, up-to-date and appropriate follow-up actions to problems occurred. <i>T23 CCR 2712(b); 2642</i>					<input type="checkbox"/>	
<input type="checkbox"/> 60	Designated UST Operator monthly reports available and complete. <i>T23 CCR 2715</i>					<input type="checkbox"/>	
<input type="checkbox"/> 61	Employee training records available and training appropriate and up-to-date. <i>T23 CCR 2715</i>					<input type="checkbox"/>	
<input type="checkbox"/> 62	Unauthorized releases are recorded and/or reported within allowed timeframes, including non-passing test results. Leak and Spill Logs available. <i>40 CFR 280.50; T23 CCR 2646.1, 2650, 2652</i>	R D	R D	R D	R D	<input type="checkbox"/>	
<input type="checkbox"/> 63	Financial Responsibility Certificate and mechanisms (CFO Letter, etc.) on-site and up-to-date. <i>HSC section 25292.2 [SWRCB] 25299.30-25299.34; T23 2711; T23 2808.1; 2809-2809.2</i>					<input type="checkbox"/>	
<i>On-Site Observation of Periodic Testing</i>							
<input type="checkbox"/> 64	Spill bucket leak testing method conducted appropriately and passing test achieved.					<input type="checkbox"/>	
<input type="checkbox"/> 65	Secondary Containment testing method conducted appropriately and passing test achieved.					<input type="checkbox"/>	

**NOTICE TO COMPLY / SUMMARY OF VIOLATIONS
MINOR VIOLATIONS**

Owner/Operator:	
Facility:	
Address:	
<input type="checkbox"/>	There were NO violations observed during this inspection.
<input type="checkbox"/>	Notice to Comply: Minor Violations were found during this inspection as noted in the following Summary of Violations .
	The violations indicated in this inspection report must be corrected within 30 days, unless otherwise noted.
	Formal enforcement may be initiated for any violations noted, and for those not corrected in a timely manner. This report does not represent that there are no other violations at this facility. A re-inspection may occur to determine compliance status.

SUMMARY OF VIOLATIONS

Item #	VIOLATION	REQUIREMENT FOR CORRECTION OF VIOLATION	DATE FOR CORRECTION
Inspectors Signature:		Received by:	
Phone:		Print Name:	
Date:		Date:	

CERTIFICATION OF RETURN TO COMPLIANCE

I certify that the violations noted above on this Notice to Comply/Summary of Violations have been corrected. I have personally examined any documentation attached to the certification to establish that the violations have been corrected.

Signature:	Date:
Title:	
Print Name:	

