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DEPARTMENT OF RESOURCE MANAGEMENT



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COUNTY**

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APN #/File # _____

**APPLICATION FOR A PERMIT TO INSTALL OR UPGRADE AN
UNDERGROUND STORAGE TANK SYSTEM FOR THE CONTAINMENT OF HAZARDOUS SUBSTANCE**

Applicant Name, Address, Phone: _____

Site Name, Address, Phone: _____

Tank Owner/Operator Contact, Address, Phone: _____

THIS APPLICATION IS TO:

- Install a new UST system (attach A,B and C forms, Plan Check List, Plans and Monitoring Plan)
- Upgrade a UST system (Inspect, Repair, Replace Lining or Cathodic Protection, install bladder)

Detail the repairs, modifications, or upgrades proposed for the existing UST system and reference relevant attachments.

Project Start Date: _____ Projected Completion Date: _____

CONTRACTOR/LICENSES (Bold Items Mandatory)

Contractor's Name, Address, Phone, Contact: _____

State Contractor's License # _____ Type: _____ Expiration Date: _____ Hazardous

Substance Certificate # _____ Expiration Date: _____ ICC Certification # _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Labor Code). Certified copy is hereby furnished____ Certified copy is filed with Solano Co.____

Applicant _____ Date _____

Policy # _____ Company _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Applicant _____ Date _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

Applicant/Contractor shall initial each item below

_____ Tanks, connected piping, ancillary equipment and containment system (i.e. "Underground tank system") will be installed as per manufacturers specifications and will be compatible each other and with the product to be stored.

_____ We understand that the Underground tank system may require inspection by the County of Solano CUPA at any of the following stages with a 48 hour notice:

1. Setting of tank including soap testing, holiday testing or pressure/vacuum/tracer test, bedding, anchorage, slope, etc.
2. Primary piping and tank systems including vent, vapor lines, risers, slope/bedding, soap and pressure/vacuum/tracer testing.
3. Inspection of all secondary containment to include secondary piping pressure/vacuum/tracer testing, soap testing, slope and bedding, corrosion protection, water testing on sumps / dispensers / buckets.
4. Final system inspection, including electrical and mechanical leak detection, overfill and overspill protection, precision testing, ELD testing, automatic shutdown/failsafe.

_____ We understand that the following shall be completed and submitted prior to issuance of a UST permit: Precision and ELD test results, As-Built plans, UST Monitoring Response Plan, Hazardous Materials Management Plan (including EPA ID #), Registration and certification forms including UST Facility (A form including UST BOE #), UST Tank (B form), UST Installation (C form), and Certificate of Financial Responsibility.

_____ We will notify all relevant agencies of this work including Air District, local Fire and Building Departments.

I certify that I have read this application and state that both the above and attached information is correct. I agree to comply with all county ordinances and state laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspections purposes.

Applicant's Signature _____ Date _____

For Office Use Only

_____ **Mandatory forms are attached to this application (see above).**

_____ **Proper fees are paid.**

_____ **Two sets of plans are attached?**

_____ **Contractor's license and ICC Cert. are adequate (General A with Haz Mat Rider and ICC Installers Cert.).**

_____ **Tests to be completed prior to final:** _____.

Signature below constitutes a "permit" to proceed with the work described in this application.

This permit is valid for one year from the date below.

_____ **(Specialist)** _____ **(Date)**

3/29/2017

Plan Check List (for Architect/Contractor and Plan Checker Use)

Y	N	Page	Subject – specify where info can be found in column to left.
			Site
			Does vicinity map show the following: <input type="checkbox"/> north arrow, <input type="checkbox"/> nearest intersection or cross-roads, <input type="checkbox"/> types of neighboring land uses, <input type="checkbox"/> surface waters and <input type="checkbox"/> nearby water wells?
			Does plot plan show the following: <input type="checkbox"/> scale of plan, <input type="checkbox"/> north arrow, <input type="checkbox"/> legend for symbols used, <input type="checkbox"/> location of all tanks, <input type="checkbox"/> piping and dispensers, <input type="checkbox"/> buildings and property lines, <input type="checkbox"/> locations of oil/water separators and sewage disposal systems, <input type="checkbox"/> location of all underground utility lines(i.e. water, electrical, gas, sewage and storm)?
			Do plans specify highest anticipated groundwater and the source of this information?
			Tanks, Piping and Components
			Are buoyancy calculations included or attached and stamped by a registered engineer in case of high groundwater? Are deadmen, concrete slabs and hold down devices detailed?
			Are detailed side and top view drawings of tank(s) included showing tanks and components constructed and approved/listed by and independent testing organization (usually Underwriters Laboratories (UL)) in accordance with 23CCR2631(b). Drawings should show the following: <input type="checkbox"/> striker plates (ref 2631(c)) in tanks, <input type="checkbox"/> secondary containment, <input type="checkbox"/> attached sumps, <input type="checkbox"/> risers and piping detailing how these components attach to tank. (CCR = California Code of Regulations)
			Do plans include detailed piping diagram with secondary containment for product lines, vent lines, and vapor return lines including 360 degree communication throughout secondary containment interstice (post 7/1/03 tank installations). Reference HSC25290.2. (HSC = California Health & Safety Code)
			Are double-walled sumps and Under Dispenser Containments (UDC's) included showing the following: <input type="checkbox"/> detailed piping penetrations, <input type="checkbox"/> penetration boot cutout, <input type="checkbox"/> monitoring reservoirs, <input type="checkbox"/> drain valves and communication throughout interstices with interstices terminating above the bottom of slabs? Reference LG 162, HSC25290.1 and AB2481 for post 7/1/04 tank installations. (LG = Local Governing letter issued by State Water Resource Control Board, AB = Assembly Bill)
			For UST components installed after 7/1/04, especially for piping, was a list of compatible products tested and measured product permeation rates provided in accordance with CCR2631.1.
			Overspill containment basin at fill pipe shown: brand, model number and capacity including exterior corrosion protection and mechanism to keep container empty such as drain valve. Ref 23CCR2635(b)(1).
			Overfill protection: brand, model number and set point of device(s) installed including location in tank of ball floats, flappers, Automatic Tank Gauges (ATG's) and outside enunciators. Ref 23CCR2635(b)(2). Note that pre 7/1/03 installed tanks need 95% flapper or 90% ball float and 90% ATG/outside enunciator to avoid DW vent, vapor, etc.
			Do the plans show any exposed metal for any UST component?
			Monitoring
			Do plans locate equipment to be used for monitoring or overfill detection including alarm consoles, sensors, probes, vacuum/pressure gauges, in-line leak detectors, outside alarm enunciators, etc?
			Do plans include isometric view of Vacuum/Pressure/Hydrostatic (VPH) system? Post 7/1/04 tanks require continuous monitoring devices for VPH in tank and all piping interstices. In accordance with LG-162 sump and UDC interstices shall be VPH monitored if neither the (primary) sumps are under VPH nor the pipe is VPH monitored over its entire length.
			Do plans locate critical VPH related equipment such as: <input type="checkbox"/> 3-way valves to test system, <input type="checkbox"/> external check valve to hold vacuum and keep fuel out of monitoring hose, <input type="checkbox"/> mechanical vacuum relief to prevent vacuum over exposure to sensitive components, <input type="checkbox"/> Submersible turbine pump (STP) siphon cartridge (venturi) and <input type="checkbox"/> compatible vacuum hose.
			Are monitoring equipment brand names and model numbers listed in either the monitoring response plan ("the plan") or the blueprints? Are the monitoring equipment components listed in LG-113?

		Are pressurized product lines equipped with in-line leak detectors? Required as per CCR2636(f)(3).
		Do the blueprints or the plan describe how the monitoring equipment will be programmed and how it will monitor UST components? Continuous monitoring shall include audible and visual alarms. Pressurized Line Leak Detectors (PLLD) shall cause either 3gph @ 10 psi "slow flow" or STP shutdown and UDC monitoring shall either include audible/visual alarm or product shutdown in accordance with CCR2636(g).
		For tanks installed prior to 7/1/04, do the blueprints or the plan describe either the required pressurized product line annual precision test or the alternative: Automatic STP shutdown / failsafe using alarm console / STP sump sensor and UDC monitoring device with auto STP shutdown / failsafe or product flow stoppage at dispenser when leak detected.
		For Single-Walled (SW) systems do the blueprints or the plan describe programming and the use of the ATG and/or the PLLD to comply with the 3.0 gph @ 10 psi pressurized product line shutdown and/or 0.2 / 0.1 GPH precision testing required in CCR2643? (Applies to SW piping installed before 7/1/87, SW tank installed before 1/1/84)
		Lining, Tank Repair and Cathodic Protection
		Prior to upgrade/repair for MVF tanks, has it been demonstrated that tanks are structurally sound? (CCR2660(k))
		Will the materials be applied in accordance with nationally recognized engineering practices? CCR2660(l)
		Will the materials be compatible with existing equipment and contents? CCR2660(m)
		Will steel tanks not located within secondary containment system (2 nd tank) be designed and certified as adequate by a corrosion specialist including 6-month test after install followed by 36 month testing thereafter? Impressed Current systems require 60 day inspections. CCR2660(n)&2635(a)(2)
		A tank may be repaired only once using the interior lining method specified in CCR2663. Are these procedures followed as well as the repair procedures in CCR2661(d)? Is precision test scheduled after repair? CCR2661(f)
		Vapor or groundwater monitoring system installed to monitor repaired tank if not DW? CCR2661(g)
		Metal piping, pipe or tank fittings replaced if releasing product? Non-metal repaired in accordance with mfg specifications? CCR2661(e)
		CCR2663 and LG-136 followed for tank lining?.inspections, testing, etc.