

All system installs shall be limited to continuous monitoring systems.

It is the Contractor's responsibility to ensure that each requirement set forth in this document is satisfied. Failure to adhere to any of these conditions in a manner which prevents compliance with 2008 California Code of Regulations (CCR) Title 23; 2010 California Fire Code (CFC); and 2010 California Building Code (CBC) can result in permit revocation, the issuance of administrative citations, or both.

These guidelines are applicable to installation of hazardous material underground storage tanks (UST) systems (tanks, piping, dispensers) regulated within the boundaries of the City of Ventura. They serve as supplements to other requirements and guidelines (e.g. California Fire Code, State Underground Storage Tank Regulations, manufacturers' guidelines). Where such regulations or guidelines conflict, the more stringent requirement shall apply.

General Information

- Contractor shall secure a UST installation permit through Fire Prevention prior to the start of excavation. * *Securing a permit requires the Contractor to submit documentation verifying that he/she possesses a current State License (A, B, C-36, C-61/D-40), current ICC UST Certification, Workmen's Compensation Insurance, and City business license. In addition, all associated fees must be paid.*
- Contractor shall secure all associated permits as required prior to the start of excavation
 - Plumbing/Mechanical – contact Construction Services at 805/654-7734
 - Electrical – contact Construction Services at 805/654-7734
 - Hazard Materials and Temp Fuel Tanks – contact Fire Prevention at 805/658-4717
 - Air Resources (Phase I & II Vapor Recovery) contact Ventura County APCD at 805/645-1401
- Contractor shall submit construction plans to Fire Prevention for review prior to the start of excavation.
- Contractor shall be responsible for ensuring that conditions on site provide for workplace safety, protection of the environment, and maintenance and integrity of nearby structures.
- Under no circumstances shall any regulated material be placed into the UST system without prior approval from Fire Prevention.
- Contractor shall install and test the UST system in accordance with the manufacturer's recommendation and guidelines.
- Contractors shall be responsible for scheduling any and all associated inspections. * *Fire Prevention shall withhold approval to operate UST system until verification has been received indicating satisfactory completion of all associated inspections.*

Required Submittals

- Prior to Undertaking a Plan Review:
 - Completed permit application shall be on file with Fire Prevention
 - Three (3) complete sets of construction plans shall be on file with Fire Prevention * *Per Health and Safety Code Section 25290.2(e)(3) UST systems must be designed and constructed with continuous monitoring system (VPH: vapor-pressure-hydrostatic) capable of 1) detecting migration of liquid from primary containment into secondary containment and/or 2) detecting water intrusion into secondary containment.*
- Prior to Undertaking Final Inspection:
 - Completed Unified Program Consolidation Form (UPCF)
 - Business Activities Form
 - UPCF Underground Storage Tanks – Facility Form
 - UPCF Underground Storage Tanks – Tank (one form per tank)
 - UPCF Underground Storage Tanks – Response Plan
 - UPCF Underground Storage Tanks – Monitoring Plan
 - UPCF Underground Storage Tanks – Installation Certificate of Compliance (one form per tank)
 - Completed Underground Storage Tank Certification of Financial Responsibility Form (along with any required attachments)
 - New or revised Hazardous Materials Business Plan

UNDERGROUND STORAGE TANK SYSTEMS (CON'T)

- On site Inspection Criteria

All activities below must be witnessed by a representative from Fire Prevention. A minimum 72-hour advanced notification is required.

- Tank holiday test (for fiberglass-coated steel tanks) performed prior to install
- Tank soap test performed prior to install (5 psig for 30 minutes or manufacturer's requirement)
- Verification of tank set and anchorage in excavation
- Primary tank pressure test after placement in excavation (5 psig for 30 minutes or manufacturer's requirement)
- Secondary tank pressure test after placement in excavation (5 psig for 30 minutes or manufacturer's requirement)
- Visual inspection of vent, vapor recovery and product lines (piping) to ensure proper slope
- Visual inspection of piping to ensure secondary containment extends to finished grade
- Primary piping pressure test (75 psig for 60 minutes or manufacturer's requirement)
- Secondary pipe and vent pressure test (5 psig for 30 minutes or manufacturer's requirement)
- Vapor recovery piping pressure test (5 psig for 30 minutes or manufacturer's requirement)
- Secondary containment lake tests (highest penetration for 24 hours)
- System tested using ELD or other SWRCB approved method (documentation required before final inspection performed)
- Complete functional test of tank and piping monitoring system
- Complete functional test of dispenser emergency electrical shut-off