



SANTA FE SPRINGS DEPARTMENT OF FIRE-RESCUE

Environmental Protection Division ■ Certified Unified Program Agency

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Aboveground Storage Tank (AST) Installation Permits

All aboveground storage tank (AST) installations located in the City of Santa Fe Springs must comply with all appropriate U.S. and California Environmental Protection Agency (EPA), State Water Resources Control Board (SWRCB), California Department of Industrial Relations (Cal OSHA), South Coast Air Quality Management District (SCAQMD), California Fire Code (CFC), and other mandated guidelines in addition to the requirements set by this Department.

Petroleum Containing Aboveground Storage Tanks

SUMMARY

The Santa Fe Springs Department of Fire-Rescue Certified Unified Program Agency (CUPA) has the responsibility and authority, to the extent provided by Chapter 6.67 and Sections 25404.1 and 25404.2 of the California Health and Safety Code, to implement and enforce the requirements of Chapter 6.67, the Aboveground Petroleum Storage Act (APSA). (*Health & Saf. Code § 25270.2*) This rule applies to facilities with a storage capacity in excess of 1,320 gallons (in containers 55 gallons or greater) of a petroleum derived product that is a liquid at 60 degrees Fahrenheit and 14.7 pounds per square inch absolute pressure.

ABBREVIATED APSA REQUIREMENTS

1. An Owner/Operator subject to APSA shall: (*Health & Saf. Code § 25270.4.5(a)*)
 - A. Prepare a Spill Prevention Control and Countermeasure (SPCC) Plan in Accordance with U.S. Code of Federal Regulations, Title 40, Part 112 (40CFR112).
 - B. Conduct periodic inspections to assure compliance with 40CFR112 (Inspections, tests, and records).
 - C. Implement the SPCC Plan in compliance with 40CFR112.
2. An owner or operator of a tank facility that is exempt pursuant to subdivision 25270.4.5(b) shall take the following actions: (*Health & Saf. Code § 25270.4.5(b)*)
 - A. Conduct a daily visual inspection of any aboveground storage tank storing petroleum.
 - B. Allow the CUPA to conduct a periodic inspection of the tank facility.
 - C. If the CUPA determines installation of secondary containment is necessary for the protection of the waters of the state, install secondary means of containment for each tank or group of tanks where the secondary containment will, at a minimum, contain the entire contents of the largest tank protected by the secondary containment plus precipitation.
3. At least once every three years, the CUPA shall inspect each storage tank or a representative sampling of the storage tanks at each tank facility that has a storage capacity of 10,000 gallons or more of petroleum. (*Health & Saf. Code § 25270.5*)
4. On or before January 1, 2009, and on or before January 1 annually thereafter, each owner or operator of a tank facility subject to the APSA shall file with the CUPA a tank facility statement. (*Health & Saf. Code § 25270.6(a)*)
 - A. An owner or operator of a tank facility that submits a business plan satisfies the requirement to file a tank facility statement.
5. Each owner or operator of a tank facility shall immediately, upon discovery, notify the Governor's Office of Emergency Services and the CUPA of the occurrence of a spill or other release of one barrel (42 gallons) or more of petroleum that is required to be reported pursuant to subdivision (a) of Section 13272 of the Water Code. (*Health & Saf. Code § 25270.8*) **NOTE: This does not relieve the facility of making the required immediate notifications to the CUPA of any release or threatened release as required by Health and Safety Code 25507.**

Motor Vehicle Dispensing from Aboveground Storage Tanks

SUMMARY

In addition to the aforementioned APSA related requirements, a California Fire Code (CFC) Permit is required to conduct any motor vehicle fuel dispensing operations. Any aboveground tanks utilized for this purpose must meet the CFC requirements identified in Chapters 22, 27, 34 and any other applicable sections of the CFC.

ABBREVIATED CFC REQUIREMENTS

1. ASTs utilized for motor vehicle fuel dispensing must meet the requirements of CFC 3404.2 and 3404.2.9.1 through 3404.2.9.6.10. These tanks will only be allowed at industrial sites for private fueling of facility owned or leased vehicles. Sites shall be limited to 12,000 gallon capacity for a single tank and 48,000 gallon aggregate capacity.
2. Tanks shall be equipped such that they are ground level filled. Additionally, areas surrounding the tanks shall have spill control per CFC 2704.2.1.
3. Aboveground storage tanks and/or connected piping with an underground storage capacity equal to or greater than 10% of the aboveground tank capacity are required to comply with Health and Safety Code Chapter 6.7 and the California Code of Regulations, Title 23, Division 3, Chapter 16.
4. Any buried piping, regardless of size, installed or replace after August 16, 2002, which is connected to an aboveground tank, must have sufficient corrosion protection and cathodic protection. The cathodic protection system must be certified periodically as prescribed by the Department of Fire-Rescue.
5. A Department of Fire-Rescue plan check and related fees are required for the review of plans related to the installation of an aboveground tank as described in California Fire Code, chapters 22, 27, 34, and the Health and Safety Code Chapter 6.7, or Title 23 of the California Code of Regulations.
6. An annual permit and related fees are also required for motor vehicle fuel dispensing.
7. All plans shall also be approved by the City of Santa Fe Springs Building and Planning Departments.
8. Final field verification shall be performed by the City of Santa Fe Springs Department of Fire-Rescue prior to material being placed in the tank.
9. There shall be a minimum of three feet between the toe of any tank and any berm, wall, other tank, building or structure. Secondary containment shall also be capable of containing the volume of the largest tank plus 6 inches of rainwater when stored outside.

INSPECTION

The Fire and Building Departments will, at their discretion, inspect the tanks for compliance with the requirements contained in this policy. All approvals received are subject to field inspection.

All Other Aboveground Storage Tanks

SUMMARY

Businesses that plan to install aboveground tanks which are not regulated by the APSA program or the CFC for fuel dispensing should check with the Santa Fe Springs Department of Fire-Rescue, City Planning, and Building Departments for any other requirements prior to initiating any installation.