



## **City of Petaluma Fire Department**

11 English Street, Petaluma, California 94952

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Fire Prevention Bureau (707) 778-4389 / Fax (707) 776-3642

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### **PETALUMA FIRE DEPARTMENT PROCEDURES FOR TEMPORARY CLOSURE/REMOVAL OF ABOVEGROUND STORAGE TANKS (ASTs)**

ASTs may be temporarily closed for up to twelve (12) months. A temporary closure permit is required. If the tank(s) will not be returned to service, it/they must be removed no later than the twelve (12) month deadline date. The following are requirements for temporary closure and removal:

#### **PERMIT**

1. Obtain and complete a City of Petaluma Permit Application and submit appropriate fees for AST closure and/or removal. The Permit Application can be found on our website at <http://cityofpetaluma.net/firedept/pdf/permit-application-2009.pdf>. All information must be submitted to the Fire Prevention Bureau at least fourteen (14) days prior to tank removal.

#### **TANK REMOVAL**

1. Submit a Site Plan with the Permit Application which includes all of the following:
  - Location of all AST(s)
  - Property boundaries
  - Location of structures near AST(s)
  - Roadways bordering property
  - Product lines/dispensers
  - Storm drains
  - Scale/North arrow
2. Completed Health and Safety Plan.
3. Copy of contractors Workers Compensation coverage verification.
4. Copy of contractors Hazardous Materials Certification.
5. Name of tank removal contractor.
6. Complete scope of work.
7. Location where tank(s) will be disposed of. In Petaluma, we allow gasoline and diesel tanks to be disposed of as non-hazardous **IF** the tanks are properly triple rinsed and rendered inert (dry iced).
8. All flammable /combustible liquids must be removed from tank(s) and piping. Documentation of product's final disposition must be provided.

9. AST(s) must be properly triple rinsed by a licensed contractor. All waste/rinsate must be properly disposed of as hazardous waste according to local, state, and federal laws and manifests provided.
10. AST(s) must be inerted with enough dry ice to render an LEL and O<sub>2</sub> of 10% or less.
11. For tanks which previously contained flammable/combustible materials, the person closing the tank(s) shall provide at least one (1) 40BC-rated portable fire extinguisher and a calibrated meter capable of measuring LEL and O<sub>2</sub> levels on-site and readily accessible.
12. The tank removal contractor shall provide removal/lifting equipment of a size adequate to safely remove the tank(s).
13. Tank openings must be capped or plugged, leaving a 0.125-inch to ¼-inch diameter opening for pressure equalization prior to transportation of the AST(s).
14. A fire inspector must be present for the AST removal and you must provide a minimum 48 hours (2 business days) advanced notification.
15. Product lines/dispensers must be removed. For underground piping: soil samples shall be taken at 20 foot intervals and at each dispenser. Soil samples and testing must be conducted by an approved third-party laboratory. Sample results must be provided to the Fire Prevention Bureau within thirty (30) days of removal.

### **TEMPORARY TANK CLOSURE**

1. Provide documentation as to final disposition of tank contents.
2. AST(s) must be triple rinsed by a licensed contractor. All waste/rinsate must be disposed of as hazardous waste according to local, state, and federal laws and manifest provided.
3. AST(s) must be inerted with enough dry ice to render an LEL and O<sub>2</sub> of 10% or less.
4. All tank openings (except one vent line per tank) must be capped and locked.
5. A fire inspection must be conducted to confirm that the above-mentioned requirements have been met. Inspection must be scheduled a minimum of 48 hours (2 business days) in advance.

The information contained in this guide constitutes our “general procedures” for planning purposes and shall form the basis for AST removals in Petaluma. Be advised, site specific variations may require changes and/or additions to general requirements and we recommend that all plans and field work be closely coordinated with the fire inspector.