

# ABOVEGROUND STORAGE TANK

## APPLICATION FORM

INSTALLATION/REMOVAL OF AN AST



### BAKERSFIELD FIRE DEPARTMENT Prevention Services

2101 H Street  
Bakersfield, CA 93301  
Phone: 661-326-3979 • Fax: 661-852-2171

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**INSTALL**     **REMOVE**

PERMIT #

| FACILITY NAME                                      |                     |        |
|--|---------------------|--------|
| ADDRESS  |                     |        |
| OPERATOR NAME                                      | PERMIT TO OPERATE # |        |
| OWNER NAME   |                     |        |
| NUMBER OF TANKS TO BE INSTALLED ____ /REMOVED ____ |                     |        |
| TANK #   | CONTENTS            | VOLUME |
|  |                     |        |
|  |                     |        |
|  |                     |        |
|  |                     |        |
|  |                     |        |
| NAME OF COMPANY INSTALLING AND/OR REMOVING TANK    |                     |        |
| MAILING ADDRESS                                    |                     |        |
| NAME & PHONE # OF CONTACT PERSON                   |                     |        |
| DATE & TIME TANK IS TO BE INSTALLED/REMOVED        |                     |        |
| SIGNATURE OF APPLICANT                             | DATE                |        |
| APPROVED BY  | DATE                |        |

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**GUIDELINES** FOR PERMIT TO INSTALL/REMOVE AST FOR DISPENSING OF FLAMMABLE OR COMBUSTIBLE LIQUIDS AND CONDITIONS FOR CLOSURE, EXCAVATION, REMOVAL & DISPOSAL, SOIL SAMPLING, PRELIMINARY SITE ASSESSMENTS

### **GUIDELINES FOR PERMIT TO INSTALL AN AST FOR DISPENSING OF FLAMMABLE OR COMBUSTIBLE LIQUIDS**

1. Any above ground storage tank installed within the City of Bakersfield for the purpose of dispensing motor vehicle fuels must meet the requirements of section 5202.3.7 of the California Fire Code, 2001 Edition and Bakersfield Municipal Code.
2. The tank sizes shall not exceed a capacity of two thousand (2,000) gallons individual or four thousand (4,000) gallons aggregate.
3. Any above ground storage of petroleum with a cumulative capacity of more than 1,320 gallon must complete a Spill Prevention, Control and Countermeasure (SPCC) Plan, per California Health & Safety Code Division 20 Chapter 6.67. A copy of this plan *must be submitted* to the Bakersfield Fire Department Office of Prevention Services located at 1501 Truxtun Avenue, Bakersfield, CA 93301 and can be reached at 661-326-3979.

### **APPLICATION PROCESS**

1. Provide two sets of a plot plan for the facility. This plan must include location of property lines, all buildings and openings to each building (such as windows, doors, vents, etc.), nearest road or intersection, all tanks piping, any fixed source of ignition (i.e., water heaters, forced air, AC units, etc.), all foundations, and equipment to be installed.
2. Construction details of tank pad seismic straps or fixtures, and crash posts.
3. Certification by the manufacture that the tank meets the applicable codes.
4. Identification of the materials to be stored in the above ground storage tank.
5. Building permits for all reinforced concrete and electrical work must be obtained at the Bakersfield City Building Department located at 1715 Truxtun Avenue, Bakersfield, CA 661-326-3720. **Construction cannot begin without their approved permit.**
6. Complete any necessary application for the Air Pollution Control District for any storage or dispensing of gasoline or aviation fuel.
7. Applications must be fully completed or they will be returned: no exceptions.
8. Permit fee must be submitted with the application or the application will not be processed.
9. A final inspection must be completed before AST system is operational. This is to insure compliance with the UFC regarding placement of placards, and where applicable, the testing of emergency shut-off device, and overfill/overspill.

### **GUIDELINES FOR PERMIT TO REMOVE AN AST**

1. Tanks may not be removed without an inspector present.
2. Tanks shall be either decontaminated or transported as hazardous waste.
3. A Hazardous Waste manifest will accompany either the rinseate or the tank and shall be present on site and presentable upon request.
4. The interior of tanks being transported not as hazardous waste (decontaminated) shall have a lower explosive limit (LEL) of no greater than 5% immediately following cleaning and prior to the introduction of CO<sub>2</sub>.
5. The contractor shall certify on the inspection form that the cleaning process was properly conducted and the LEL results did not exceed 5%.
6. The decontaminated tank shall be inert with the introduction of CO<sub>2</sub>, in the form of dry ice or from canisters.
7. A rate of 20 pounds of dry ice to 1000 gallons of tanks capacity, or the corresponding weight of Carbon Dioxide (CO<sub>2</sub>).
8. If canisters are used they shall be bonded to the tanks(s).
9. A receipt for the CO<sub>2</sub> shall remain on site and presentable upon request.
10. Prior to the removal of a decontaminated tank the LEL level will be no greater than 5 % and the oxygen level will be no grater than 9%.

### **SOIL SAMPLING/PRELIMINARY SITE ASSESSMENT**

1. Soil samples shall be obtained under the direction of a professional engineer, geologist, or authorized representative of a state-approved laboratory.
2. Samples shall be collected, at a minimum, from depths of 2 and 6 feet below the tank bottom, dispensers, and product lines and from the following locations (*unless waived by the local agency inspector on site*):
  - A. From the center of the tank.
  - B. Below all dispensers.
  - C. Piping - every 20 feet and/or at connections, joints, bends, etc.
3. Any area of obvious contamination of likely areas of contamination may be required to be sampled.
4. All samples shall be analyzed by a state certified laboratory.
5. Soil samples shall be analyzed for all known and suspected substances to have been stored in the tank. Methyl Tertiary Butyl Ether (MTBE) shall additionally be analyzed in all soil samples taken from beneath tank systems which contained any motor vehicle fuel.
6. All samples will be accompanied by a Chain-Of-Custody sheet.
7. A soil sample report/preliminary assessment shall be submitted to the Office of Prevention Services within five days after results have been received and shall contain at a minimum the following information.
  - A. Name and location of where the tanks were disposed of.
  - B. Name and location of where the rinseate was disposed of.
  - C. A signed copy of the Hazardous Waste Manifest.
  - D. A tank disposal receipt from the scraping facility.
  - E. Copies of all lab data sheets and Chain-Of-Custody documentation.
  - F. A plot plan showing the locations of the buildings, tanks, piping runs, dispensers, and ALL SAMPLE LOCATIONS WITH CORRESPONDING I.D. NUMBERS AND DEPTHS.