

City of Santa Barbara Fire Department **Underground Liquid Storage Tanks – Guidelines for Removal** 

STANDARD DETAILS AND SPECIFICATIONS

- **STEP I** Submit plans and obtain a tank removal permit from the Building & Safety Division located at 630 Garden Street, (805) 564-5485. Additionally, obtain a tank removal permit from the Santa Barbara County Fire Department at 4410 Cathedral Oaks Road, (805) 681-5500 or www.sbcfire.com.
- **<u>STEP II</u>** Plans submitted shall include:
  - 1. Step-by-step procedures for removal of the tank(s) see Step III.
  - 2. Site plan showing tank size, contents, location on property and location/distance to the nearest fire hydrant.

Call to schedule an inspection with a Santa Barbara City Fire Department Inspector at least *24 hours in advance* at 564-5702.

Have permit and plans on site.

- **<u>STEP III</u>** Removal procedures shall include:
  - 1. Barrier/caution tape and No Smoking signs shall be posted in order to keep any sources of ignition at least 25 feet away from the excavation.
  - 2. Have two 40BC fire extinguishers readily available and currently serviced.
  - 3. Remove all liquids, de-gas, and inert the tank(s).
  - 4. Render tank(s) inert with 2.2 pounds of solid carbon dioxide (dry ice) per each 100-gallon tank capacity. Save the purchase receipt for the dry ice to show to the inspector.
  - 5. Cap all openings with exception to vent pipe. When oxygen content is below 5% the tank is considered to be inert.
  - 6. If removing the tank "clean," washing may cease when the sludge and debris is removed and the LEL is 0%.
  - 7. Excavate and expose tank(s). Identify all piping associated with tank(s). Disconnect and remove piping, vent lines, electrical lines, and in-tank pump(s).
  - 8. Remove tank(s) from the excavation, remove external dirt with a nonsparking tool and secure dirt. Tank(s) must be placed on the transportation vehicle with the tank opening at the top. Placard accordingly.