

## REMOVAL REQUIREMENTS

1. The area of tank removal shall be barricaded a minimum of 50 ft. from the edge of the tank excavation, as recommended by API.
2. All flammable and/or combustible liquids shall be removed from the tanks and piping prior to removal from the ground.
3. All tanks piping, vents, fixtures, lines and other appurtenances shall be removed. Piping will not be permitted to be abandoned in place.
4. Tank openings shall be capped or plugged with the exception of a 1/8-inch diameter pressure vent hole.
5. If the tanks are to be triple rinsed/washed, all rinse liquid shall be disposed of in an approved manner.
6. The tanks shall be purged to remove all flammable vapors prior to removal. The following are approved methods for vapor removal:
  - a. Use of a diffused air blower or eductor type air blower.
  - b. Vacuum truck operation.
7. The tanks shall be made inert to remove all residual oxygen. The Fire Department permits the following vapor removal methods.
  - a. Prior to tank removal, all tank openings shall be secured, and the tanks shall be purged with dry ice at a ratio of 2 lbs. for every 100 gallons of tank capacity, or as recommended by API 1604.
8. All flammable vapors during the inverting or purging process shall be vented a minimum of 12 ft. from grade.
9. Prior to tank removal from the ground, both Oxygen and LEL measurements shall be taken using a hydrocarbon meter and shall be verified and approved by the field inspector. Tank removal will not be permitted until the Oxygen level is less than 5% and the atmosphere is less than 10% of the LEL.
10. Tanks removed shall not be cut up on site prior to transport for disposal. All USTs removed from the ground must be transported from the City of Savannah on the same day that they are removed.
11. All tanks shall be marked and labeled, **"NOT VAPOR FREE"**
12. The tanks shall be disposed of in accordance with federal and state regulations. Copies of the destination shipping papers, and identification of each tank removed shall be provided to the field inspector at the time of the removal.
13. The contractor shall be responsible for the cleanup of any spills or soil contamination and abatement of the same per state and federal requirements. Copies of all documents for the final soil testing results, and the tank destination shall be provided to the Savannah Fire Marshal's Office when completed.

1. Upon completion of the UST removal, a report shall be provided to the Fire Department within 30 days detailing the following:

- a. Description of tank, piping and/or fittings removed.
- b. Description of the excavation.
- c. Description of sampling methods.
- d. Description of any remedial efforts necessary.