



**Manchester Fire Department
Eighth Utilities District
Fire Marshal's Office**

18 Main Street, Manchester, CT 06042
(860)643-6209 – Fax (860)646-8162



Underground Storage Tank (UST) Removal Procedures

A permit application form must be filled out completely and registered at the Eighth Utilities District administrative office before work is started. The fee for permit to remove is \$20. If the removal is from the site of a multi-family dwelling or commercial property, The Manchester Building Department must be notified at 860-647-3052

1. The applicant is to notify the Fire Marshal's Office (860-643-6209) of the day and time of the tank removal.
2. A "Call Before You Dig" request must be put in at least 72 hours before starting the job at 1-800-922-4455.
3. Whether or not a site inspection is made by the Fire Marshal's Office, the applicant, owner or contractor shall provide the following:
 - a. Photographs of the tank in the grave including any visible damage.
 - b. Photographs of the tank when removed from the grave including any damaged areas.
 - c. Photographs of the sides and bottom of the grave.
 - d. Name and location of the facility to which the tank was taken for disposal. Tanks are to be removed from the jurisdiction the same day.
 - e. A copy of all soil analysis reports.

See NFPA 30 Flammable and Combustible Liquids Code requirements below:

21.7.4.3.3 Permanent Closure in Place. Underground tanks shall be permitted to be permanently closed in place if approved by the authority having jurisdiction. All of the following requirements shall be met:

- (1) All applicable authorities having jurisdiction shall be notified.
- (2)* A safe workplace shall be maintained throughout the prescribed activities.
- (3) All flammable and combustible liquids and residues shall be removed from the tank, appurtenances, and piping and shall be disposed of in accordance with regulatory requirements and industry practices, using a written procedure.
- (4) The tank, appurtenances, and piping shall be made safe by either purging them of flammable vapors or inerting the potential explosive atmosphere. Confirmation that the atmosphere in the tank is safe shall be by testing of the atmosphere using a combustible gas indicator if purging, or an oxygen meter if inerting, at intervals in accordance with written procedures.
- (5) Access to the tank shall be made by careful excavation to the top of the tank.
- (6) All exposed piping, gauging and tank fixtures, and other appurtenances, except the vent, shall be disconnected and removed.
- (7) The tank shall be completely filled with an inert solid material.
- (8) The tank vent and remaining underground piping shall be capped or removed.
- (9) The tank excavation shall be backfilled.

Δ 21.7.4.3.4 Removal and Disposal. Underground tanks and piping shall be removed in accordance with the following requirements:

- (1) The steps described in 21.7.4.3.3(1) through 21.7.4.3.3(5) shall be followed.
- (2) All exposed piping, gauging and tank fixtures, and other appurtenances, including the vent, shall be disconnected and removed.
- (3) All openings shall be plugged, leaving a ¼ in. (6 mm) opening to avoid buildup of pressure in the tank.
- (4) The tank shall be removed from the excavated site and shall be secured against movement.
- (5) Any corrosion holes shall be plugged.
- (6) The tank shall be labeled with its former contents, present vapor state, vapor-freeing method, and a warning against reuse.
- (7) The tank shall be removed from the site as authorized by the authority having jurisdiction, preferably the same day.