



Carson City Fire Department

777 South Stewart Street
Carson City, Nevada 89701
(775) 887-2210

Abandonment of Underground Home Heating Oil Tanks

Removal of Tank –

Prior to undertaking any work to remove a flammable or combustible liquid tank, a permit shall be obtained from the Fire Department.

Tanks shall be removed as follows (IFC 2012 Sec 5704.2.14) –

- Flammable and combustible liquids shall be removed from the tank and connecting pipes
- Piping at tank openings which is not to be used further shall be disconnected
- Piping shall be removed from the ground
 - Exception – Piping is allowed to be abandoned in place where the fire code official determines that removal is not practical. Abandoned piping shall be capped and safeguarded as required by the fire code official
- Tank openings shall be capped or plugged, leaving a 0.125 inch to ¼ inch diameter (3.2mm to 6.4mm) opening for pressure equalization
- Tanks shall be purged of vapor and inserted prior to removal
- All exterior above grade fill and vent piping shall be permanently removed
 - Exception: piping associated with bulk plants, terminal facilities, and refineries

Abandonment of Tank In-Place –

Underground Home Heating Oil Tanks may be abandoned in place upon determination of the Fire Chief that removal of the tanks is not necessary.

Prior to undertaking any work to abandon a flammable or combustible liquid tank, a permit shall be obtained from the Fire Department.

Tanks abandoned in place shall be abandoned as follows (IFC 2012 Sec 5704.2.13.1.4) –

- Flammable and combustible liquids shall be removed from the tank and connected piping
- The suction, inlet, gauge, vapor return, and vapor lines shall be disconnected
- The tank shall be filled completely with an approved inert solid material
 - Exception – Residential heating oil tanks of 1,100 gallons or less, provided the fill line is permanently capped or plugged below grade to prevent refilling of the tank
- Remaining underground piping shall be capped or plugged
- A record of tank size, location, and date of abandonment shall be retained
- All exterior above grade fill piping shall be permanently removed when tanks are abandoned

If you have any questions, please do not hesitate to contact the Fire Prevention Bureau at (775) 887-2210