

PERMIT REQUIREMENTS FOR FUEL OIL TANKS

DATE _____ PERMIT# _____ BLOCK _____ LOT _____ LOCATION _____

1. Applicant must fill out a Construction Permit Application and a Building Technical Application for above ground tanks.
2. For proposed tanks to be located in a basement or garage the applicant must submit a floor plan indicating the proposed tank location as it relates to the furnace or the flow of traffic (impact potential) in the garage. Submit site plan for tanks located outside.
3. Submit manufacturer's specifications, type, size, testing, and installation instructions for the tank.
4. Submit a pipe riser diagram for size, location (as it relates to windows) and height above grade for vent and fill pipes. Vent pipe must have device to prevent entry of rainwater and rodents, require audible fill alarm device and be sleeved (non- metallic) through foundation wall.

Regulations: Tank to be installed per NFPA 31 and 2006 International Mechanical Code.

1. Maximum allowable tank size 660 gallons (fuel oil)* inside of a structure
2. The tank size and shape shall be installed and removed from the building as one unit.
3. The tank shall be placed not less than 5 feet from any fire or flame either in or external to any fuel-burning appliance nor shall said tank obstruct quick and safe access to any utility service meters, switch panels and shut off valves.
4. If the tank is located outside: (a) It shall be located and protected against traffic impact. (b) Tank shall be installed on a foundation system designed to minimize the possibility of uneven settling & corrosion.
5. The tank shall be provided with an open-vent pipe and fill pipe, both terminating outside of the building. A minimum of 18" above grade (snowdrift). The vent and fill pipe shall terminate a minimum of 2 feet horizontally or vertically from any building opening and shall terminate in a weatherproof vent cap. The tank shall be equipped with an audible gauging device at the fill point.
6. A shutoff valve shall be provided at the bottom of the tank and at the appliance.
7. Oil supply shall be controlled when the furnace shuts off, by electrical controls, positive displacement pumps or anti-flooding devices.

8. The tank shall be supported by non-combustible supports.
9. The minimum size of a supply line shall be 3/8" inside diameter but sized properly for the appliances connected as per the manufacturers installation instructions.
10. Pipe routed through masonry foundation wall shall be sleeved and sealed accordingly. Penetrations through fire rated assemblies shall be fire caulked.
11. Oil pumps not part of the listed burner shall be a positive displacement type that automatically shuts off the oil supply when stopped. Oil burners dependent on gravity feed are required to have a constant level valve and an anti-flooding device.
12. Tanks located in a flood plain shall be anchored down in a approved method.

*** Tanks larger than 660 gallons are required to be installed in 3 hour fire resistance rated enclosures.**