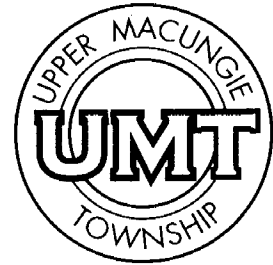


UPPER MACUNGIE TOWNSHIP

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BREINIGSVILLE, PA 18031



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UNDERGROUND TANKS MINIMUM INFORMATION REQUIRED WITH APPLICATION

A minimum of **two (2) copies** of construction documents and submittal data shall be provided with permit application as being **required** for compliance with the State of Pennsylvania, International Fire Code 2006 and International Building Code 2006 and N.F.P.A. standards.

Underground tanks. Underground storage of flammable and combustible liquids in tank shall comply with Section 3404.2 and Sections 3404.2.11.1 through 3404.2.11.5.2.

Contents. Underground tanks shall not contain petroleum products containing mixtures of a nonpetroleum nature, such as ethanol or methanol blends, without evidence of compatibility.

Location. Flammable and combustible liquid storage tanks located underground, either outside or under buildings, shall be in accordance with all of the following:

1. Tanks shall be located with respect to existing foundations and supports such that the loads carried by the latter cannot be transmitted to the tank.
2. The distance from any part of a tank storing liquids to the nearest wall of a basement, pit, cellar, or lot line shall not be less than 3 feet (914 mm).
3. A minimum distance of 1 foot (305 mm), shell to shell, shall be maintained between underground tanks.

Depth and cover. Excavation for underground storage tanks shall be made with due care to avoid undermining of foundations of existing structures. Underground tanks shall be set on firm foundations and surrounded with at least 6 inches (152 mm) of noncorrosive inert material, such as clean sand.

Overfill protection and prevention systems. Fill pipes shall be equipped with a spill container and an overfill prevention system in accordance with NFPA 30.

Leak prevention. Leak prevention for underground tanks shall comply with Sections 3404.2.11.5.1 and 3404.2.11.5.2.

Inventory control. Daily inventory records shall be maintained for underground storage tank systems.

Leak detection. Underground storage tank systems shall be provided with an approved method of leak detection from any component of the system that is designed and installed in accordance with NFPA 30.

Testing. Tank testing shall comply with Sections 3404.2.12.1 and 3404.2.12.2.

Acceptance testing. Prior to being placed into service, tanks shall be tested in accordance with Section 2.4 of NFPA 30.

Testing of underground tanks. Before being covered or placed in use, tanks and piping connected to underground tanks shall be tested for tightness in the presence of the fire code official. Piping shall be tested in accordance with Section 3403.6.3. The system shall not be covered until it has been approved.

Abandonment and status of tanks. Tanks taken out of service shall be removed in accordance with Sections 3404.2.14, or safeguarded in accordance with Sections 3404.2.13.1 through 3404.2.13.2.3 and API 1604.

Underground tanks. Underground tanks taken out of service shall comply with Sections 3404.2.13.1.1 through 3404.2.13.1.5.

Temporarily out of service. Underground tanks temporarily out of service shall have the fill line, gauge opening, vapor return and pump connection secure against tampering. Vent lines shall remain open and be maintained in accordance with Sections 3404.2.7.3 and 3404.2.7.4.

Out of service for 90 days. Underground tanks not used for a period of 90 days shall be safeguarded in accordance with all the following or be removed in accordance with Section 3404.2.14:

1. Flammable or combustible liquids shall be removed from the tank.
2. All piping, including fill line, gauge opening, vapor return and pump connection, shall be capped or plugged and secured from tampering.
3. Vent lines shall remain open and be maintained in accordance with Sections 3404.2.7.3 and 3404.2.7.4.

Out of service for 1 year. Underground tanks that have been out of service for a period of 1 year shall be removed from the ground in accordance with Section 3404.2.14 or abandoned in place in accordance with Section 3404.2.13.1.4.

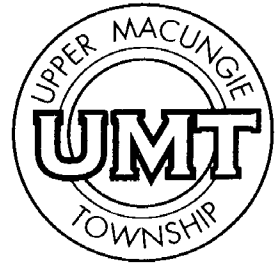
Tanks abandoned in place. Tanks abandoned in place shall be abandoned as follows:

1. Flammable and combustible liquids shall be removed from the tank and connected piping.
2. The suction, inlet, gauge, vapor return and vapor lines shall be disconnected.
3. The tank shall be filled completely with an approved, inert solid material.
Exceptions: Residential heating oil tanks of 1,100 gallons (4164 L) or less, provided the fill line is permanently capped or plugged, below grade, to prevent refilling of the tank.
4. Remaining underground piping shall be capped or plugged.
5. A record of tank size, location and date of abandonment shall be retained.

Reinstallation of underground tanks. Tanks which are to be reinstalled for flammable or combustible liquid service shall be in accordance with this chapter, ASME *Boiler and Pressure Vessel Code* (Section VIII), API 12-P, API 1615, UL 58 and UL 1316.

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FOR TANK REMOVAL

INSPECTION AFTER THE TANK IS REMOVED BUT BEFORE BACKFILLING

DOCUMENTATION RE: SOIL TESTING OF SITE

DOCUMENTATION RE: THE CONTENTS AND DISPOSAL OF SAME

DOCUMENTATION RE: CAPPING OF ANY LINES

DOCUMENTATION RE: WHERE THE TANK IS GOING TO BE TAKEN

QUESTIONS TO KEN MOLONY, BCO AT 610-395-4892 x46