



TOWN OF BRIGHTON
Office of the Fire Marshal
 2300 Elmwood Avenue
 Rochester, New York 14618
 (585) 784-5220 Office
 (585) 784-5207 Fax

Flammable/Combustible Liquid Tank Removal Permit

In accordance with the Code of the Town of Brighton and the New York State Fire Prevention and Building Code, an operational fire code permit is required for removal, alteration or replacement of underground or aboveground tanks, pumps, piping and other equipment relating to the discontinued storage or use of flammable/ combustible liquids.

Make Checks Payable – Town of Brighton

Flammable / Combustible Liquids Tank Removal Permit - \$75.00

Applicant & Property Information	Business Name						
	Address			Suite	City	State	Zip Code
	Telephone		Work Telephone		Email Address		
	Property Owner or Mailing Address if different from above						
	Name or DBA						
	Address			Suite	City	State	Zip Code
Telephone		Work Telephone					
Installation Company / Agent to Owner	Name						
	Contact Name						
	Address			City	State	Zip Code	
	Telephone		Mobile Telephone		Work Telephone		

The undersigned represents that this application for a permit as described herein will be in accordance with all ordinances of the Town of Brighton and the Fire and Building Code of New York State and that any plans or specifications submitted with this application are the plans or specifications relating to this permit and no other.

Please refer to Flammable / Combustible Liquid Tank Removal Permit Submittal Requirements

Applicant Signature		Applicant Name (Print)		Application Date	

Permit Number	Issue Date	New Expiration Date	Fee Paid	Check #	Receipt Number	Evacuation Plan Received

Flammable / Combustible Liquids Tank Removal

Purpose

The purpose of this document is to specify the requirements necessary for abandonment of flammable liquid tanks within the Town of Brighton.

Scope

The information detailed below is required for all tanks. A permit from the Office of the Fire Marshal is required. The applicant shall obtain a permit not later than 3:00 p.m. on the last working day prior to the proposed date of abandonment or removal; and in no case shall be less than twenty-four hours prior to proceeding with operations.

Underground storage tank removal operations shall conform to the Fire Code of New York State - 2010, NFPA 30, Flammable and Combustible Liquids Code and the Codes of the Town of Brighton

This guide does not replace, nor supersede any codes and/or ordinances adopted by the Town of Brighton, or determinations and positions of the Chief Fire Marshal.

Removal Requirements

Prior to abandonment or removal of underground tanks, the applicant shall prepare the tank by completing the following:

The area of tank removal shall be barricaded a minimum of 50 feet from the edge of the tank excavation.

Provide two 20-BC portable fire extinguishers within 50 feet of the tank excavation site.

"No smoking" signs shall be posted and readily visible.

All flammable or combustible liquids shall be pumped /removed from the tanks prior to removal from the ground and all connecting piping and/or distribution lines shall be removed. Piping will not be permitted to be abandoned in place.

Tanks shall not be cut without the express approval of the Office of the Fire Marshal prior to cutting.

Abandonment and status of tanks

1. Notwithstanding the time schedules stipulated, tanks taken out of service shall be removed or safeguarded in accordance with 2010 Fire Code Of New York State (FCNYS) Section 3404.2.13, and nationally recognized standards.

2. 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 shall be maintained in accordance with FCNYS 3404.2.7.3 and 3404.2.7.4.

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

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

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

5. Tanks abandoned in place shall be as follows:

- a. Flammable or combustible liquids shall be removed from the tank and connected piping.
- b. The suction, inlet, gauge, vapor return and vapor lines shall be disconnected.
- c. 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 removed to a point below grade to prevent refilling of the tank.

- d. Remaining underground piping shall be capped or plugged.
- e. A record of tank size, location and date of abandonment shall be retained.
- f. All exterior above-grade fill piping shall be permanently removed when tanks are abandoned or removed.

Removal of underground and aboveground tanks

1. Flammable and combustible liquids shall be removed from the tank and connected piping.
2. Piping at tank openings that is not used further shall be disconnected.
3. 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.

4. Tank openings shall be capped or plugged, leaving a 1/8" to 1/4" diameter opening for pressure equalization.
5. The tanks shall be purged of vapor and made inert to remove all residual oxygen prior to removal. Office of the Fire Marshal allows 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,
 - b. Carbon Dioxide (CO₂) or Nitrogen (N₂) Method: One cubic foot CO₂ or N₂ per gallon of tank capacity. Triple grounding shall be used with compressed cylinders. The cylinder hose shall fit into a non-conductive plug, and will not be allowed to dangle into the UST.

6. All exterior above-grade fill and vent piping shall be permanently removed.

Exception: Piping associated with bulk plants, terminal facilities and refineries.

7. Tanks shall be disposed of in accordance with federal, state and local regulations.

- a. The tank shall be marked with spray paint and shall include the Town of Brighton - Office of the Fire Marshal permit number and the initials (T.O.B.F.M. # XXXX)
- b. The tank shall be placed on the truck, with openings at the top, and be removed from the Town of Brighton immediately.

Any other method or removal or abandonment of underground tanks shall have the approval of the Office of the Fire Marshal, prior to commencement of work.

If the tanks are to be triple rinsed/washed, all rinseate liquid shall be disposed of in an approved manner.

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.

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 Office of the Fire Marshal, if requested at the time of the removal.

Office of the Fire Marshal may approve alternate methods and material as needed.

To facilitate the permitting and inspection processes, please refer to the information listed below.

Permitting Requirements

Provide a written description of the tank removal operations.

Site plan drawings of the existing site location and conditions, to include; including.

- a. All buildings and structures.
- b. Fire lanes and fire hydrants.
- c. Location of tanks with regards to the above.

Drawings shall be submitted for review and approval, **PRIOR** to removal.

Drawings shall be generated by the installing company specific to the removal operation.

Drawings shall show plan view and other pertinent information.

General Submittal Requirements

Each submittal shall have a completed Town of Brighton - Office of the Fire Marshal Plan Review/Permit Application.

Plans approved by the Office of the Fire Marshal give authorization for construction / removal.

Final approvals may be subject to field verification. Any approval issued by the Office of the Fire Marshal does not release the contractor or property owner from the responsibility of full compliance with all applicable codes and ordinances relating to the construction project.

All installations must concur with the approved plans. Any deviation from the approved plans requires a re-submittal to the Office of the Fire Marshal. Installation, fabrication or otherwise construction of the system is prohibited without approved plans and permit.

All fire marshal inspection forms and permits shall be kept in a permit packet on the job site until final inspection.

This office does not review or approve site specific health and safety plans for adequacy, accuracy, or completeness. Compliance with all applicable worker health and safety regulations, including implementation of the site safety plan, is the responsibility of the owner and contractor.

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 Office of the Fire Marshal when completed.

Please read the information below and sign before submitting your application

Your application shall be deemed complete only if this checklist is completed and submitted along with the submittal package.

Submittals not accompanied by a checklist will not be accepted.

Accuracy of the submittal package, including this checklist, is the responsibility of the applicant.

Failure to submit an accurate submittal package will be considered an incomplete application by the Plan Reviewer. An incomplete submittal will result in a **HOLD**.

If work is found to have commenced without approved plans and/or a proper permit, this office reserves the right to shut down any/all portions of the entire project deemed necessary to inspect, investigate and confirm that work has been done.

All installations and/or operations must concur with the approved plans. Any deviation from the approved plans requires a re-submittal to the Office of the Fire Marshal. If changes, alteration or deviation from the approved plans are not submitted for review and approval prior to final inspection by the Office of the Fire Marshal, then the installation permit **fees immediately double**.

When work for which a permit is required has been conducted without a permit or approval, a stop work is immediately posted and all permit **fees immediately double** upon proper application for plan review and due upon issuance of an new installation permit.

If any portion of the work performed is not clearly visible or readily accessible, you will be ordered to demolish, disassemble or remove any and all obstructions regardless of the cost incurred. Failure to comply will result in the suspension/revocation of any building or other permits related to the site.

In addition, it is understood that the installation of fire protection systems shall be made only by persons properly trained and qualified to install the specific fire protection system being provided. The installer shall certify to this authority that the installation is in complete agreement with the terms of the listing and manufacturer's instructions and/or approved design plan.

I hereby apply for a Fire Protection System permit and I acknowledge that the information above is complete and accurate; that the work will be in conformance with the ordinances and codes of the Town of Brighton and the Building/Fire Codes of New York State; that I understand this is not a permit but only an application for permit and construction work is not to start without a permit; that the work will be in accordance with the approved plans.

Print Name

Signature

Date