



LA PORTE FIRE MARSHAL'S OFFICE



INSTALL OR MODIFICATION OF STORAGE TANK

General Information			
Type of Work (select one):	<input type="checkbox"/> Installation	<input type="checkbox"/> Modification	<input type="checkbox"/> Removal
Type of Tank (select one):	<input type="checkbox"/> DOT Cylinder	<input type="checkbox"/> ASME Tank	<input type="checkbox"/> Above Ground
	<input type="checkbox"/> Below Ground	<input type="checkbox"/> Mounted	<input type="checkbox"/> Other _____
Size of tank _____ GALS			
Total quantity to be stored in all tanks _____ GALS			
Facility Name:			
Facility Address:			
Specific location of storage tank:			
Date:			
Person Submitting Plans:			
Phone Number:		24-hour Emergency Contact Number:	
Plans Submittal			
The following is a list of Site Plan documents which must be submitted with this application.			
Submitted			
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Site Plan (Site Plan scaled no less than 1"=50')	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Plan showing all permanent structures over 100 sq. ft.	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Plan showing Property lines, easements and setbacks	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Plan showing any tanks (e.g. fuel tanks, LPG tanks, ASTs, USTs)	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Plan showing roads, streets, driveways and other similar improved surfaced areas	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Copy of State of Texas "On-site supervisor license" submitted to FMO (UST only)	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Other -	

125 South 3rd Street, La Porte, TX 77571
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Underground Storage Tanks:

- Maximum capacity of any one tank is not to exceed 20,000 gallons.
- Tanks must be located so that delivery trucks can be parked at least twenty-five (25) feet from any dispensing device and off of the public street.
- An approved method of secondary containment shall be provided for the tank.
- Dry sumps – Approved sampling tubes a minimum of six (6) inches in diameter shall be installed in the back fill material of each storage tank. The tubes shall extend from twelve (12) inches below ground level and be provided with surface access caps. Each tank site shall provide a sampling sump at the corners of the excavation with a minimum of four sumps.

Vent Lines:

- Each tank shall be vented through piping adequate in size to prevent blowback of vapor or liquid at the fill opening while tank is being filled, but shall not be less than 1 ¼ inches nominal inside diameter.
- Lines are to be laid so as to drain toward the tank.
- Vent line risers shall be located in an area or manner so that they will not be subjected to physical damage. Vent lines attached to a building shall be designed in height so as not to allow vapors to be drawn into the building or trapped under the eaves.
- Manifolding of vent lines is permissible subject to pressure limitations. Different products may not be manifolded together.

Piping, Valves and Fittings:

- Piping, valves, fittings and related components intended for use with flammable and combustible liquids shall be designed and fabricated from suitable materials having adequate strength and durability to withstand the pressures, structural stress, and exposures to which they may be subjected. Such equipment shall conform to nationally recognized engineering standards, be listed for the application or be approved by the fire code official.
- UL-Listed (or approved equivalent) flexible connectors shall be installed at both ends of each pressurized product or delivery line to provide for flexibility and to allow for vertical and horizontal movement in the tank and piping.
- Sampling tubes shall be placed in the product line excavation within ten (10) feet of the tank and every fifty (50) feet along product lines to dispersion. A minimum of two (2) are required.
- Secondary containment is required on all lines.

Testing:

- Tanks and lines must be hydrostatically tested upon installation as may be appropriate. All tests must be witnessed by the Fire Marshal or his designee.
- A State of Texas licensed installer shall present during all Fire Marshal's Office inspections.

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- All tests shall be at the expense of the owner or operator.
- The system shall not be covered or product dispensed into the tank or lines until it has been approved, in writing, by the Fire Marshal's Office. Contractor should allow for twenty-four (24) hour lead time for any inspection.
- Tests conducted on new tank/line installations shall be as follows:
 - 1) Tanks will be tested at five (5) psi for sixty (60) minutes.
 - 2) Lines will be tested pneumatically at 1.1 times the normal working pressure or hydrostatically tested at 1.5 times the normal working pressure. (50 psi for 1 hour on lines is considered acceptable.)
 - 3) A soap bubble test of all fittings will also be conducted at this time.
 - 4) These tests shall be witnessed by a representative of the Fire Marshal's Office.
 - 5) If a manufacturer requires an alternative testing method, the installer shall contact the Fire Marshals office for approval prior to conducting the test.
- Tests conducted on existing tank/line installations shall be an approved type test. The test may be performed using the product in the tank. If the test indicates the tank is leaking, the product must be immediately removed. The Fire Marshal's Office may require that the test be conducted in his or his representative's presence. The Fire Marshal's Office must be notified twenty-four (24) hours prior to testing existing installations.
- Leaking tanks must be emptied of product and shall be removed as soon as possible. Fiberglass tanks may be properly repaired, in accordance with the manufacturer's instructions, by a competent, qualified contractor.
- A permit is required for removal/repair of leaking tanks. If leaking lines are to be replaced, a permit is required.

Liquid Removal:

- All liquids must be removed from the tank prior to work commencing. Any liquid found in tanks out of service more than 90 days must be tested and analyzed prior to commencing work. It is the responsibility of the property owner or his agent to arrange for the required testing and disposal.

Tank Safety:

- Underground Storage Tanks and non-protected Aboveground Storage Tanks containing combustible or flammable liquids must be made inert prior to removal from the ground or site (ref. IFC 3404.2.14.1). Tanks shall be tested and determined to be safe prior to removal. Test records shall be provided to the Fire Inspector during the onsite inspection prior to removal.

Tank Disposal:

- Disassembly, Mechanical Cutting, Hot Work, or other similar operations shall not be conducted on the removal site. This restriction shall be in effect once tank excavation begins extending until all extracted tanks have been transported off site. Such operations shall not be performed on extracted tanks inside the City limits of La Porte **without prior written approval** of the Fire Marshal.

Removal:

- Tanks removed from the ground shall be transported to an approved location for disposal within 24 -hours of extraction or from being moved from their sited location unless prior approval is received from the Fire Marshal's Office.

Flammable/combustible liquid storage Fees:

Installation or change of service	\$ 100.00
First tank	\$ 100.00
Each additional tank	\$ 50.00
Tanks with fixed fire protection	
Additional	\$ 100.00
Tanks inside of a vault	
Additional	\$ 100.00

Expiration of Plan Review:

Pursuant to 2003 IFC Section 105.2.3, an application for a permit for any proposed work or operations shall be deemed to have been abandoned six (6) months after the date of filing, unless such application has been diligently prosecuted or a permit shall have been issued; except that the fire code official is authorized to grant one or more extensions of time for additional periods not exceeding ninety (90) days each if there is reasonable cause.

Certification:

This document is a governmental record. Individuals who knowingly make a false entry in, or false alteration of, a governmental record are subject to criminal prosecution under Section 37.10 of the Penal Code, Vernon's Texas Code Annotated.

I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified or not. The granting of a permit does not presume to violate or cancel the provisions of any other state or local law regulating constitution or the performance of construction. I also understand that the installation of any of the work related to this permit application shall not proceed until approved plans are issued from the City of La Porte.

Signature:	Date:
Print Name:	

FIRE MARSHAL'S OFFICE USE ONLY

Date of Review: _____ Reviewed By: _____
Approved: Yes No
Require Follow-up: Yes No Explain: _____
Fee's Due: Yes No
Amount Paid: _____ Date Paid: _____