

HEATH DEPARTMENT OF PUBLIC SAFETY FIRE PREVENTION BUREAU

Permit for Temporary and Permanent Aboveground Storage Tank(s) (AST)

Business name of installation. _____

Address of installation. _____

Read the following requirements and signify that you understand and agree to comply with the requirement by placing an “X” on the line next to the requirement. If you do not understand the requirement, do NOT place an “X” on the line.

Applicant Use	Office Use Only	Requirements
1	<input type="checkbox"/>	A permit shall be obtained from the Heath Department of Public Safety prior to any work being conducted at the site. The permit is valid for 6 months.
2	<input type="checkbox"/>	The permit applicant shall provide a legible site diagram listing the site business name, Address, AST size, and other information as required by the Fire Prevention Bureau.
3	<input type="checkbox"/>	All installations shall comply with the International Fire Code Chapter 34 and applicable Federal, State and other local requirements.
4	<input type="checkbox"/>	All A.S.T. removals shall comply with, IFC Sec. 3404, Federal, State, and Local requirements.
5	<input type="checkbox"/>	Tanks and containers shall be conspicuously marked as follows: <ul style="list-style-type: none"> • The NAME OF THE PRODUCT stored • FLAMMABLE –KEEP FIRE AND FLAME AWAY • KEEP 50 FEET FROM BUILDINGS • NO SMOKING (Within 25 feet of the dispensing area)
6	<input type="checkbox"/>	The design, fabrication, and construction of tanks shall be in accordance with good engineering practice and nationally recognized standards.
7	<input type="checkbox"/>	The fill opening shall be equipped with a locking closure device. Fill opening shall be separate from vent openings.
8	<input type="checkbox"/>	Vent size shall be not less than the following: <ul style="list-style-type: none"> • 60-275 gallon size. 1½ “ size • 276-660 gallon size. 2” size • 661-900 gallon size. 2½ size • 901-1100 gallon size. 3” size • 1101-up gallons size. See IFC sections 3404.2.7.3.1 through 3404.2.7.3.6
9	<input type="checkbox"/>	Vents shall be arranged to discharge in a manner which prevents localized overheating of or flame impingement on any part of the tank in the event vapors from such vents are ignited.
10	<input type="checkbox"/>	Tanks shall be kept outside of and at least 50 feet from buildings and combustible storage. Tanks shall also be kept 100’ from property line that can be built upon. Additional distance shall be provided when required to ensure that vehicles, equipment, and containers being filled directly from, such tanks will be not less than 50 feet from structures, haystacks or other combustible storage. Storage areas shall be kept free of weeds.
11	<input type="checkbox"/>	Fencing. Storage area shall be protected against tampering or trespassers by fencing or other control measures. (For Temporary Aboveground Storage Tanks)
12	<input type="checkbox"/>	Tanks shall be provided with top openings only or shall be elevated for gravity discharge.
13	<input type="checkbox"/>	When class 1 liquids are dispensed, adequate grounding and bonding shall be provided to prevent the accumulation of static electricity. (Bonding can include Listed Bonded hose for Flammable and Combustible liquids)
14	<input type="checkbox"/>	Outdoor storage areas shall be provided with approved drainage control or diking.
15	<input type="checkbox"/>	Portable fire extinguishers with a minimum rating of 20 BC shall be provided.
TANKS WITH TOP OPENINGS:		
16	<input type="checkbox"/>	Tanks with top openings only shall be mounted as follows: IFC Sec. 3404.2.9.2 <ul style="list-style-type: none"> • On well constructed metal legs connected to shoes or runners designed so that the tank is stabilized and the entire tank and its supports can be moved as a unit OR

		<ul style="list-style-type: none"> • For stationary tanks, on a stable base of timbers or blocks approximately 6 inches in height which prevents the tank from contacting the ground.
	17	Tanks with top openings only shall be equipped with a tightly and permanently attached approved pumping device having an approved hose of sufficient length for filling vehicles, equipment or containers to be served from the tank.
	18	IFC 2206.3 SECURITY. Aboveground tanks for the storage of liquid motor fuels shall be safeguarded from public access or unauthorized entry in an approved manner.
	19	An effective anti-siphoning device shall be included in the pump discharge unless a self closing nozzle is provided. Siphons or internal pressure discharge devices shall not be used.
TANKS WITH GRAVITY DISPENSING:		
	20	IFC Sec. 2206.7.8 Flammable liquids shall not be dispensed by gravity from tanks, drums, barrels or similar containers. Flammable or Combustible liquids shall not be dispensed by a device operating through pressure within a storage tank, drum or container.
DISPENSING FROM TANK VEHICLES:		
	22	<p>When approved by the chief, liquids used as fuels may be transferred from tank vehicles into the fuel tanks of motor vehicles or special equipment provided:</p> <ul style="list-style-type: none"> • The tank vehicles specific function is that of supplying fuel to motor vehicle fuel tanks. • The dispensing line does not exceed 50 feet in length – with an approved dispensing nozzle. • The dispensing hose is properly placed on the approved reel or in a compartment provided before the tank vehicle is moved. • Signs prohibiting smoking or open flame within 25 feet of a tank vehicle or the point of refueling are prominently posted on the tank vehicle. • Electrical devices and wiring in areas where fuel dispensing is conducted are in accordance with Electrical Code. • Vapor-recovery systems are provided in accordance with IFC Sec. 2206.7.9 • Tank vehicle dispensing equipment is operated only by designated personnel who are trained to handle and dispense motor fuels. • Provisions are made for controlling and mitigating unauthorized discharges.
	23	Dispensing shall be conducted at least 50 feet from structures or combustible storage.
FIRE PROTECTION AND CONTAINMENT:		
	24	<p>Fire Protection systems if applicable shall comply with IFC Chapter 34 section 3404.2.9.1: Foam fire protection shall be provided for above-ground tanks used for the storage of Class I or II liquids that exceed 500 gallon capacity or group of tanks spaced less than 50 feet (15 240mm) apart measured shell to shell.</p> <p>EXCEPTIONS:</p> <ol style="list-style-type: none"> 1. Temporary construction site fuel tanks. 2. Used for storage of crude oil. 3. Liquid petroleum gas tanks.
	25	<p>Above-ground tanks secondary containment shall comply with IFC Chapter 34 section 3404.2.9.6.4:</p> <p>Protected above-ground tanks shall be provided with secondary containment, drainage control or diking in accordance with Section 2740.2. A means shall be provided to establish the integrity of the secondary containment in accordance with NFPA 30. Section 2704.2.2.4:</p> <p>Secondary containment for outdoor storage areas shall be designed to contain a spill from the largest individual vessel. If the area is open to rainfall, secondary containment shall be designed to include the volume of a 24-hour rainfall as determined by a 25-year storm and provisions shall be made to drain accumulations of ground water and rainwater.</p>

Contractor conducting installation. _____

Contact Name: _____ Phone Number: _____

Signature: _____ Date: _____

Print: _____ Phone Number: _____

FOR OFFICE USE ONLY!

Date received _____

Inspector Responsible for issuance of permit _____

FOR INSPECTORS ONLY! UPON FINAL INSPECTION – Check each item on the application. If the installation meets the requirement, mark approved in the shaded area next to the requirement. If the installation does not meet the requirement, write a violation notice for the deficiency.

_____ Approved as completed as of the date: _____

Inspectors Name