

Knoxville Fire Department

Fire Prevention Bureau (Fire Codes and Inspections)



Aboveground Storage Tanks Permit Information and Fee Schedule

Permit Required:

All aboveground storage tanks with capacity over 60 gallons containing Class I, II, and III liquids whether portable, stationary, temporary, permanent, new or existing, will be inspected and permitted by the KFD-FPB. This permit will be issued for each individual tank following inspection and approval, and tanks with Class I contents will be due for renewal each following year.

An A.S.T. is considered "in service" when it contains flammable or combustible liquids, and is "out of service" when it contains no flammable or combustible liquids as defined by the Fire Prevention Code adopted by the Knoxville City Council.

It shall be unlawful for any person or entity to install or place into service any aboveground storage tank (a.s.t.) without a permit as required herein. Each a.s.t. permitted must bear identification to be issued by the city fire prevention bureau indicating that the a.s.t. is currently permitted. Any person or entity installing or placing into service an a.s.t. without a permit shall take such a.s.t. out of service immediately until it is properly permitted, and shall pay two (2) times the amount of the applicable permit for administrative costs incurred by the fire prevention bureau in the enforcement of this section, for each applicable a.s.t. It shall be unlawful for any person to dispense any flammable or combustible liquid into a.s.t. within the city limits which does not bear identification issued by the city fire prevention bureau indicating that the a.s.t. is currently licensed to be in service. The penalty for any such act shall be a minimum monetary penalty of fifty dollars (\$50.00) per occurrence. Each day constitutes a separate occurrence as per City of Knoxville Ordinance 11-3.

Submission of Permit Application:

All installations must fully comply with the International Fire Code, NFPA 30, 30A, any code or standard referenced from these codes, city ordinance, and limitations of the Fire District and the approval of the Fire Official from the Knoxville Fire Department/Fire Prevention Bureau. For your convenience, legible copies of plans, documents, and application may be submitted by email to kfdinspector@knoxvilletn.gov. Fees (check or money order made payable to the City of Knoxville) may be mailed to Fire Prevention Bureau office or made online.

1. Submit plans, supporting documents, and [application](#) for approval by the Fire Prevention Bureau prior to the start of any work for the installation of any a.s.t. All plans must be legible. Provide a set of all plans and documents (plain 8.5 x 11 paper is acceptable) which indicate the following:

- Capacity, listing
- Relationship of any A.S.T. to property lines, buildings, public ways, other tanks of any type, and to any dispenser
- Containment
- Tank fill and spill control
- Means to check ullage (ullage gauge)
- Audible alarm sounding at 90% full, complete shut off at 95%
- Type and listings for all tanks on property
- Pump type and location

- ___ Piping
- ___ Venting - Normal and emergency including termination point
- ___ Dispensing devices
- ___ Devices to prevent gravity or siphon flow of product
- ___ Protection of tanks, piping, and dispensing devices against vandalism, collision, and damage
- ___ Fire protection and locations
- ___ Emergency shut-off locations
- ___ Product marking with "No Smoking - Stop Motor" on all tanks minimum four inch lettering
- ___ NFPA 704 displayed

2. Upon plans approval, submit permit and inspection fees to the Fire Prevention Bureau and begin installation of tank. Installation shall be fully compliant to the plans as approved. As per City of Knoxville Ordinance 11-3, the annual permit / inspection fees shall be:

First time permit fee

Tank installation or removal (per tank) \$60.00

ANNUAL INSPECTION / RENEWAL OF A.S.T. PERMIT

All aboveground storage tanks, with capacities over sixty gallons and Class I contents, are required to be inspected annually as per Chapter 11, Article I of the Knoxville City Code. The company will receive a bill for the annual inspection fee for each tank with Class I contents on the premises. Upon receipt of the applicable inspection fees, the Fire Code Inspector will contact the company, schedule the annual inspection, and present the new annual permit. Any addition, substitution, or removal of an aboveground storage tank should be reported to the Fire Prevention Bureau immediately.

Annual inspection fee (per tank with Class I contents):

- 60 to 6,000 gallon capacity \$30.00
- 6,001 to 12,000 gallon capacity \$50.00
- 12,001 to 50,000 gallon capacity \$75.00
- 50,001 and greater \$100.00

3. When installation is completed, contact the Fire Prevention Bureau to request that all tanks be inspected and tested prior to being placed into service in accordance to all adopted coded requirements. The inspector will bring the approved permit tag to the site to leave on premises following successful inspection.