

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 annually and permitted by the KFD-FPB. This permit will be issued for each individual tank following inspection and approval and will be due for renewal on the permit date 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 A.S.T. without a permit, proper inspection, and decal issued by the City of Knoxville Fire Prevention Bureau indicating the A.S.T. is currently permitted and inspected. Any A.S.T. installed or placed into service without proper permitting shall be taken out of service immediately and will remain out of service until a permit is obtained and an inspection is completed. An administrative fee of two times the amount of initial permit and annual inspection fee shall be levied for each A.S.T. involved. The act of dispensing any flammable or combustible liquid into any A.S.T. that does not have the required permit by the Fire Prevention Bureau shall be unlawful and a minimum monetary penalty of \$50.00 and maximum of \$100.00 per occurrence shall apply as per City of Knoxville Ordinance 11-3.

Submission of Permit Application:

All aboveground tank installations must be fully compliant to the 2012 IFC, 2012 NFPA 30, 30A, any code or standard referenced from these codes, city ordinance, limitations of the Fire District and the approval of the Fire Official from the City of Knoxville Fire Department Fire Prevention Bureau. For your convenience legible copies of plans, documents, and application may be submitted by fax to 865.215.4249. Fees (check or money order made payable to the City of Knoxville) may be mailed to Fire Prevention Bureau office.

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 two sets of all plans and documents (plain 8.5 x 11 paper is acceptable) which indicate the following:

- 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
- Vault construction (if applicable)
- 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
 \$60.00 plus amount of annual inspection fee

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

All aboveground storage tanks, with capacities over sixty gallons, 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 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)

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

Copies of the reports are available upon request for a fee of \$10.00.

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 to the site to leave on premises following successful inspection.