

Aboveground Storage Tanks (AST) Inspection

Aboveground Storage Tanks (AST) may NOT be used for retail sales. Fire Prevention permit must be approved and issued prior to any work performed. This shall include the construction notification and acceptance by TCEQ. The AST Inspection occurs at the Fire Final. Please reference Final Fire Inspection requirements.

The AST Inspection shall include, but not be limited to, the following:

- Must be requested by the installing contractor.
- All tanks must be in compliance with the City of Frisco Fire Code Ordinance, International Fire Code, U.L. 2085, NFPA #30 and be approved by the Fire Prevention Office.
- Documentation must be provided showing proper testing from the manufacturer.
- Field tightness testing will be required on tanks and connections after installation and before being placed in service.
- Horizontal shop fabricated tanks shall be tested either hydrostatically or with air pressure at not less than 3 psig and not more than 5 psig and vertical tanks at not less than 1.5 psig and not more than 2.5 psig for a minimum of one (1) hour.
- Aboveground piping must be protected from external corrosion.
- Labeling of all tanks shall be in accordance with NFPA 704. The tank must display the name of the product, the tank capacity in gallons, a DOT placard and an NFPA 704 placard.
- Warning signs shall be posted in the dispensing area and shall incorporate the following or equivalent wording and have red colored lettering on a white background.

WARNING
It is unlawful and dangerous
to dispense gasoline into
unapproved containers.

NO SMOKING, WELDING OR OPEN FLAMES WITHIN 50 FEET.

STOP MOTOR.

- Warning signs and NFPA 704 hazard signs shall have lettering at least three (3) inches in height and of weather-resistive materials.
- Vehicle impact protection required. Guard posts shall be a minimum of four (4) inch diameter and a minimum of twenty-four (24) inches in height concrete filled steel piping placed at four (4) foot spacing around the pad perimeter.
- An extinguisher with a minimum 40B:C rating is required at each tank or fuel dispensing location.
- Ground areas around tanks shall be kept free of weeds, trash, or other unnecessary combustible material to a minimum of ten (10) feet.