



LAS VEGAS FIRE & RESCUE

FIRE PROTECTION ENGINEERING DIVISION

Temporary Above-Ground Fueling at Construction Sites

General:

This guideline is applicable for the temporary installation of temporary above-ground fuel tanks for construction sites. This document is not intended to be a re-print of the adopted code in its entirety, but to provide some basic information for the preparation of submittal documentation for the initial installation and operational use permitting. Although such tanks are intended for Temporary use, a minimum level of safety and code compliance shall be provided.

Temporary Fuel Tank – is a stationary above-ground storage tank (AST) that has been placed upon a site for the purposes of providing fuel for construction related vehicles.

Construction permit – A Construction is required for the installation of the tanks. Such submittal shall include the following information but not limited to:

- Completed LVFR permit application including:
 - Project Name
 - Street address/Parcel information
 - Contractor information (Nevada State contractors/ State Fire Marshal's license and certification numbers
 - Type of Permit
 - Applicable Fee calculations
 - Fire engineering approval signature (payment and permit issuance will not be processed unless signed by appropriate Fire Engineering staff).

Items to be addressed upon official submittal site plan shall include but not limited to:

- Planning and Zoning - Above-ground temporary fuel tanks shall only be located within an area approved by Planning and Zoning.
- Types and quantities of flammable or combustible liquids to be stored and dispensed. (Limited to quantities reflected in IFC 5704.4.
- Emergency Access – Site shall be provide with an approved fire apparatus access road in accordance with IFC 5704.4.2.2
- Tank/container manufacture information
- Signage – No Smoking, emergency contact signage shall be provided adjacent to location

- Distances from any buildings, roadways and property lines.
- Tank Separation – Minimum separation between each flammable and combustible tank.
- Portable fire protection shall be provided and located within 75 feet of the tanks). Extinguishers shall be a minimum 2A-20-B:C classification.
- Spill control and secondary containment methods
- Structural anchorage capability requirements of tanks based on size, fuel capacity.
- Electrical wiring compliance with the electrical code (Bonding, grounding etc.
- Site security methods
- Vehicular protection Bollards, concrete jersey barriers, etc.).
- Clearance from combustibles – Site shall be kept clear of weeds, debris, and combustible materials a minimum of 15 feet from the tanks.

Once all of the technical requirements have been met and verified on a Construction permit issued fir Fire Engineering, a Temporary Operational Permit allowing the applicant to conduct an operation as required by IFC section 105.6 will be issued the flammable and combustible liquids storage and dispensing of such products will be issued by Fire Prevention.