



BURBANK FIRE DEPARTMENT

311 East Orange Grove Avenue, Burbank CA 91502 818-238-3473 Fax 818-238-3479

INSTALLATION OF ABOVEGROUND DIESEL FUEL TANKS FOR GENERATORS

All installations and modifications shall comply with the California Fire Code (CFC) and California Building Code (CBC).

These guidelines are applicable to the installation of aboveground tanks using combustible liquids as fuel for emergency, standby, and optional generators. These guidelines are a supplement to other requirements and/or guidelines, and are not all-inclusive. Each referenced code and standard must be reviewed in its entirety to insure compliance.

APPLICABLE CODES AND STANDARDS:

- Burbank Municipal Code (BMC)
- California Fire Code (CFC)
- California Building Code (CBC)
- California Electric Code (CEC)
- California Mechanical Code (CMC)
- National Fire Protection Association Standard 110 (NFPA 110), *Standard for Emergency and Standby Systems*
- National Fire Protection Association Standard 30 (NFPA 30), *Standard for Flammable and Combustible Liquids*
- National Fire Protection Association Standard 37 (NFPA 37), *Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines*
- Underwriters Laboratories (UL) 2200, *Standby for Stationary Engine Generator Assemblies*
- Underwriters Laboratories (UL) 2085, *Protected Above-ground Tanks for Flammable and Combustible Liquids*
- Underwriters Laboratories (UL) 142, *Standard for Steel Above-ground Tanks for Flammable and Combustible Liquids*

PERMITS:

- A permit from the Burbank Fire Department (BFD) is required to install a new tank or alter an existing tank containing flammable or combustible liquids.
- An installation permit is also required from the City of Burbank Building Division to install an emergency or standby generator, fuel tank, piping, and associated equipment. The Building Division is located at 150 N. Third Street, Burbank, CA 91502, (818) 238-5220.
- Annual permit and fees are required by BFD to utilize aboveground fuel tanks.

Installation of Above-ground Diesel Fuel Tanks for Generators (Continued)

GENERAL REQUIREMENTS:

- Provide a minimum of three sets of scaled plans directly to BFD. A separate submittal shall be made directly to the Building Division for compliance of the electrical and mechanical codes in addition to seismic anchoring. The Building Division is located at 150 N. Third Street, Burbank, CA 91502, (818) 238-5220.
- Submit a completed permit application.

ACCEPTANCE TESTING FOR EMERGENCY AND LEGALLY REQUIRED STANDBY POWER SYSTEMS:

Testing of tanks shall be witnessed by BFD. An on-site acceptance test for the EPSS shall be in accordance with NFPA 110 and shall be performed by an experienced third party. Documentation shall be provided to the BFD outlining the acceptance tests and conformity to the requirements.