



CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

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Permit Submittal Guideline

FLAMMABLE AND COMBUSTIBLE LIQUIDS(GENERATORS)

This guide is to assist in the permitting process for the flammable and combustible liquids for generators. Generators require a permit due to the use and storage of flammable or combustible fuel in compliance with sections 105.5.18 and 105.6.9(2) of the IFC. Natural gas fueled generators do not require a permit.

GENERATOR TYPE	PERMIT TYPE NEEDED
PERMANENTLY INSTALLED	ANNUAL RENEWABLE PERMIT FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS
TEMPORARY INSTALLED	TEMPORARY PERMIT FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS
TEMPORARY INSTALLED (WITH TANK SIZE LESS THAN 659 GALLONS)	TEMPORARY PERMIT FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS (REFER TO *PBI PERMIT GUIDE)

A permit is only required when these quantities are exceeded:

FUEL TYPE	INSIDE BUILDING	OUTSIDE BUILDING
GASOLINE	5 GALLONS	10 GALLONS
DIESEL FUEL	25 GALLONS	60 GALLONS

APPLICABLE CODES:

The following codes and standard apply to this permit.

- *International Fire Code, 2024 edition (IFC)*
- *Clark County Fire Code Amendments, 2024 edition (CCFC)*

This permit is needed due to the generator *Flammable and Combustible Liquids* (F/C) fuel storage. F/C Liquids permits shall be installed per Chapter 50 and 57 of the IFC.

SUBMITTAL REQUIREMENT CHECKLIST:

The requirements listed in this guide are not intended to be all inclusive, nor do they entail a limit to the extent of the information, etc., which may be necessary to properly evaluate the submitted plans and documents. Not all items may apply to your project.

CONSTRUCTION DOCUMENTS: Submittal shall include all information per chapter 50 and 57 of the IFC and per CCFC Section 5704.5.

PLAN CHECK LIST. Provide all applicable information that pertains to your permit.

1. Project name, address, and APN (Assessor's Parcel Number).
2. Contractor's/Owner's contact information.

3. Overall Site Plan: Show the location of the generator on the property and distances to other structures including membrane structures or tents, property line, and public ways.
4. Tank Specifications: State the following:
 - Type of tank per a UL listing : i.e. UL 142, UL 2085
 - Volume in gallons
 - Fuel type, i.e. gasoline, diesel fuel etc;
 - Method of grounding
 - Method of secondary containment (such as double-walled tank, bunded containment (welded pan), or separate exterior basin
 - Tank Protection: State the method of vehicle impact protection when located on paved surfaces
 - Location(s) of fire extinguisher(s)
 - Locations(s) of “no smoking” sign(s)
5. Provide the manufacturer specification sheets for generator and fuel tank
6. Provide a diagram of the normal tank venting of per section 5704.2.7.3 of the IFC 2024. Vent must be 12 feet above grade and 5 feet from all building openings or the generator and enclosed vent must be UL 2200 listed and have proper ventilation. ***Only required for permanent generators***