



Clark County Fire Department FIRE PREVENTION BUREAU

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PERMIT GUIDE FLAMMABLE AND COMBUSTIBLE LIQUIDS FOR TEMPORARY AND PERMANENT GENERATORS

This guide is to assist in the permitting process for the flammable and combustible liquids for generators.

These require a permit due to the use and storage of flammable or combustible fuel in compliance with sections 105.6.16 and 105.7.9(2) of the IFC. Natural gas fueled generators do not require a permit.

- A generator permanently installed requires an Annual Renewable Permit for flammable and combustible liquids.
- A temporary generator in place for up to 180 days requires a Temporary Permit for flammable and combustible liquids.

A permit is only required when these quantities are exceeded:

- Gasoline: 5 gallons within a building or 10 gallons outside of a building.
- Diesel Fuel: 25 gallons within a building or 60 gallons outside of a building.

APPLICABLE CODES:

The following codes and standard apply to this permit.

- *International Fire Code*, 2018 edition (IFC)
- *Clark County Fire Code Amendments*, 2018 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.

Link to CCFC: See the amendments to codes and standards using the link below:

https://cms8.revize.com/revize/clarknv/Building%20&%20Fire%20Prevention/Codes/ClarkCounty_FireCodeAmendments2018.pdf?t=1598331770575&t=1598331770575

SUBMITTAL REQUIREMENT CHECKLIST:

The listed requirements 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.

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

PLAN CHECK LIST.

1. State the 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 per a UL listing : i.e. UL 142, UL 2085
 - Volume in gallons
 - Fuel, i.e. gasoline, diesel fuel etc;
 - Method of grounding
 - Method of secondary containment (such as double-walled tank, banded 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 permanent tanks per section 5704.2.7.3 of the IFC 2018. The must be 12 feet above grade and 5 feet from all building openings. **Submittals with permanent tanks shall indicate the designer's name, certification number and signature.**