



Clark County Fire Department

FIRE PREVENTION BUREAU

4701 W. Russell Road • Las Vegas, NV 89118

John Steinbeck, Fire Chief

Kelly Blackmon, Sr. Deputy Fire Chief/Fire Marshal

Danny Horvat, Assistant Fire Chief • Wayne Dailey, Assistant Fire Chief



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.

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

BOARD OF COUNTY COMMISSIONERS

JAMES B. GIBSON, Chair • JUSTIN JONES, Vice Chair
MICHAEL NAFT • ROSS MILLER • WILLIAM McCURDY II • TICK SEGERBLOM • MARILYN KIRKPATRICK
YOLANDA T. KING, County Manager

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.**

HOW TO SUBMIT:

Plans are to be submitted electronically. Files should be uploaded via the Clark County Citizen Access Portal:

<https://citizenaccess.clarkcountynv.gov/CitizenAccess/Default.aspx>

Consolidate your PDFs and upload your submittal into the categories that apply to your project;

1. **PLANS: Submittals** should be uploaded under the "**plan**" section. Only items in the "**plan**" section can be stamped with CCFD approval.

PLEASE NOTE: Plans will have to be sent back with corrections if uploaded in the wrong category, so ensure the correct one is selected. When submitting permanent generators, the Commercial Building Permit number is needed for submittal acceptance in plan application. (BD22-00000).

COMMUNICATION:

Once your plans are submitted you will receive a fire permit number (example= FP22-00000). Plan status can be viewed by logging into your account in the Customer Portal and typing in your fire permit number.

<https://citizenaccess.clarkcountynv.gov/CitizenAccess/Default.aspx>

PLEASE NOTE: PLANS ARE NOT SUBMITTED UNTIL THE STATUS CHANGES TO SUBMITTED AND YOU RECEIVE CONFIRMATION EMAIL

CONTACT PERSON ON APPLICATION: Ensure that the correct contact person is provided on the application. This will be the correspondent who receives all the email updates and correction comments once plan is submitted.

ADDITIONAL INFORMATION NEEDED: If you receive this request; Fire Intake has reviewed your submittal and there is additional information needed for the review to proceed. It will be placed back in the Review Queue as soon as the additional information is received.

PLANS APPROVED: Once plans are approved, and fees are verified; an email will be sent to the contact person. PDF copies of approved plans will be accessible, and inspections can be scheduled after any outstanding **fees** are paid.

PLANS-CORRECTIONS REQUESTED: Once corrections are issued an email will be sent to the contact person. Corrections will be indicated on the plans as issues. Customers will need to log in to customer portal and respond to every issue. Once issues are answered, a new plan will need to be uploaded. **PLEASE NOTE:** Only the revised sheets are needed to be uploaded. Only the revised attachments/documents will need to be uploaded again. If customer has additional questions in regards to issues, customer can reach out to their designated plan reviewer indicated on the initial email. See link below to staff contact list, Fire Plans Review is Page 3.

FIRE PLAN REVIEW STAFF CONTACT LINK:

https://files.clarkcountynv.gov/clarknv/Building%20&%20Fire%20Prevention/Phone/WEBSITE%20PHONE%20LIST_Fire%20Prevention.pdf?t=1640880622664&t=1640880622664

REVISIONS: If plans are revised after approval; revisions will need to be submitted and approved prior to **FINAL** system acceptance. Revisions are to be submitted the same manner as the original submittal. The following items should be included with a revision;

- All changes should be **clouded and keyed** to Plan Revision# (FP22-00000-R001).
- A revision letter shall also be provided indicating what changes were made and where they occur.

Link to CITIZEN ACCESS HOW TO GUIDES:

https://www.clarkcountynv.gov/government/departments/building_fire_prevention/citizen_access_knowledge_base.php

SUBMITTAL SERVICE LEVEL OPTIONS/FEE SCHEDULE:

Service levels, base fees and an expected plan review due dates are established at the time of submittal. Different plan review service levels are available depending on scope of work, fees and staff availability. All service levels may not be available. Plans are reviewed in the order received according to the expected due date. Note that due dates cannot be guaranteed. Refer to section 106.6 of the CCFC for additional information on fees.

INSPECTION OPTIONS/INSPECTION SCHEDULING:

https://www.clarkcountynv.gov/government/departments/building_fire_prevention/inspection/schedule_an_inspection.php