



## CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

4701 W Russell Rd, Las Vegas, NV 89118 • (702) 455-7316

Website: [Fire Department \(clarkcountynv.gov\)](http://FireDepartment(clarkcountynv.gov))

Email: [FPPCQ@clarkcountynv.gov](mailto:FPPCQ@clarkcountynv.gov)

### Permit Submittal Guideline

## Flammable and Combustible Liquid Storage and Use

This guide is to assist in the process of obtaining an annual renewable/ or Temporary Operational permit for Flammable/ Combustible (F/C) liquid operations, storage, or use.

These are for:

- Operation of a pipeline within a facility.
- Operation of F/C equipment, i.e. tanks, plants, fuel stations, distilleries, refineries.
- Storage and Use.

### **Please Note:**

This application also applies to self-contained mobile generators, if you meet the conditions for a permit by inspection, no plans will be required to be uploaded during submittal and documents listed below will need to be on hand for your inspection.

**APPLICABLE CODES:** The following codes and standard apply to this permit.

- *Clark County Fire Code Amendments*, 2024 edition (CCFC)
- A permit is required per sections 105.5.18 and 105.6.9 of the IFC for continued operation and construction respectively.
- *Flammable and Combustible Liquids Code*, 2022 edition NFPA 30

**Permit Threshold: A permit is required when the following sizes are exceeded.**

- Flammable Liquid (flashpoint < 100 °F): 5 gallons indoors / 10 gallons outdoors
- Combustible Liquid (flashpoint > 100 °F): 25 gallons indoors / 60 gallons outdoors

### **PERMIT BY INSPECTOR ELIGIBILITY**

#### **SUBMITTAL REQUIREMENTS:**

No items are required to be submitted as part of the Permit by Inspector portion of this permit. Permit conditions shall be field verified to meet the requirements below.

A permit is issued after a completed onsite inspection by the Clark County Fire Prevention Bureau (FPB).

1. To be eligible for this permit the flammable liquids must be part of a self-contained mobile generator.
2. The capacity of liquids in an individual tank may not exceed 659 gallons.
3. The generator may not be permanently installed.
4. Flammable fuels (Class I, such as gasoline) must be stored in tank listed per the Standard for Safety UL-2085.
5. Combustible Fuels (Class II, such as diesel) must be stored in a tank listed per the Standard for Safety UL-142.
6. Grounding: Generators may need to be grounded based on manufactures specifications.
7. Clearance: Area surrounding the generator must be clear of combustible materials within a radius of three (3) feet.
8. Location: Generators may not be within twenty (20) feet of temporary membrane structures.
9. No Smoking Signs: No smoking signs shall be provided on all visible sides of the generator.



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10. Fire extinguishers: A minimum of at least at least a 2A10BC shall be placed within 30 feet of the generator. A larger extinguisher may be required based on quantity of fuel storage.

### **IF YOU DO NOT MEET THE PERMIT BY INSPECTION REQUIREMENTS:**

#### **PLAN SUBMITTAL REQUIREMENTS:**

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: The submittal shall include all information per CCFC chapter 57.

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. Hazardous Materials Inventory Statement (HMIS) or /SDS for all liquids. Ensure the quantities, types of F/C liquids and their flashpoints are provided.
4. Overall Site Plan showing the location of the operation or tanks on the property, distance between storage tank(s), nearest habitable structure, property line, and public ways.
5. List of vessels, piping, valves and equipment that will use, store, process, or transport F/C liquids. Note which engineering design criteria has been used for vessels, piping, valves or equipment design (i.e. UL 143, API 650, ASME B31.3, etc.)
6. Diagram of the location, size, and height above grade of the normal tank vents.
7. List or diagram of bonding/grounding devices.
8. Manufactures' data of information sheets proving appropriate UL listing of tanks, piping, and valves. Example: data sheets proving that the equipment is listed for petroleum fuels with alcohol additives.
9. Diagram of the method, location and volume of secondary containment as required when Maximum Allowable Quantity (MAQ) is exceeded.
10. A diagram of the type and location of vehicle impact protection.
11. Buoyancy calculations for underground storage tanks proving gravity force exceeding buoyant force by a safety margin of 20%.

#### **NOTE:**

When F/C liquids are being dispensed into motor vehicle tanks from a remote pump, an additional separate Motor Fuel Dispensing Permit must be obtained.

- Flammable fuels (Class I; such as gasoline) must be stored in tank listed per the *Standard for Safety UL-2085*.
- Combustible Fuels (Class II; such as diesel) must be stored in a tank listed per the *Standard for Safety UL-142*.

#### **PERMIT DURATION:**



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All temporary operational use permits are only valid for the duration of the event and only up to a maximum of 180 days. If any changes are made to the arrangement, a revision or new permit will need to be applied for. Annual operational permits are valid for a period of up to 365 days.

To apply for your permit please visit your customer ACA account and apply for either an annual or temporary permit, then select Flammable liquids from the drop-down menu. [Accela Citizen Access](#)

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