



# Fire Marshals Association Of Colorado

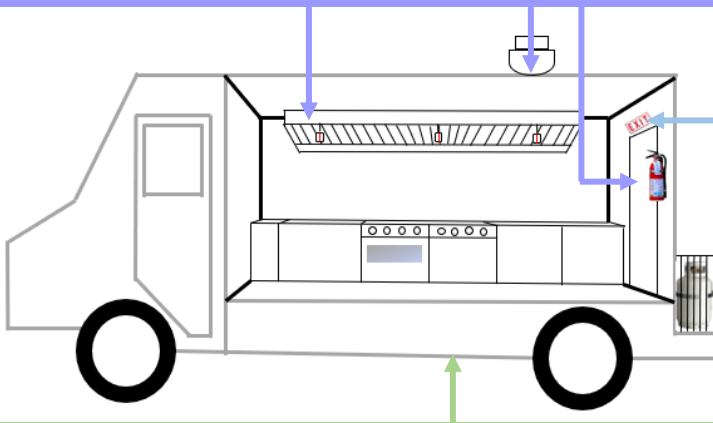
<https://fmac-co.wildapricot.org/>  
[secretaryfmac@gmail.com](mailto:secretaryfmac@gmail.com)

## Mobile Food Vehicle (MFV) Pre-Inspection checklist

**Mobile Food Vehicle inspection applies to all vehicles that are equipped with appliances that produce smoke or grease-laden vapors. All listed requirements are based on the 2024 International Fire Code. 8/2025**

### Fire Protection Systems

- 904.2.2** An Automatic fire extinguishing system is required to protect commercial exhaust hood and duct systems.
- 904.14.5.2** Automatic fire extinguishing system shall be inspected and tested every six months and after the activation of the system by a licensed contractor. Certificate must be available during fire inspection(s).
- 4101.4.3** Not fewer than one portable fire extinguisher complying with Section 906 with a minimum rating 4-A or other approved on-site fire-extinguishing equipment shall be available for immediate utilization.
- 906.2** All fire extinguishers must be inspected annually by a licensed contractor.
- 906.4** A Class K-rated, portable fire extinguisher is required for all cooking equipment involving solid fuels or vegetable or animal oils and fats.
- 906.4.1** Solid fuel cooking appliances with fireboxes less than 5 ft<sup>3</sup> in volume require (1) 2.5 gal or (2) 1.5 gal, or greater volume Class-K wet-chemical portable extinguisher.
- 906.4.2** Deep fat fryers require Class K portable fire extinguishers in the following sizes and quantities:
  - 1-4 fryers with max cooking medium capacity of 80 lbs each requires a 1.5 gal or larger Class K fire extinguisher.
  - For every additional group of four fryers having a max cooking medium capacity of 80 lbs each requires one additional, minimum 1.5-gal capacity Class K fire extinguisher.
  - Individual fryers exceeding 6 ft<sup>2</sup> in surface area requires a fire extinguisher with capacity based on extinguisher manufacturer recommendations.
- 906.5** All fire extinguishers are in clear view and immediately available for use.
- 906.7** All fire extinguishers are mounted on proper hangers.



### Means of Egress

- 1003.3.4** Protruding objects shall not reduce the minimum clear width of accessible egress routes.
- 1003.4** Walking surfaces of the egress route are to have a slip resistant surface and be securely attached.
- 1031.2** Means of egress (aisle way) is to be free of any obstruction that would prevent its use.

- 606.3.3.1** Commercial cooking systems inspection frequency by qualified individuals:
  - High-volume operations-24-hour cooking, charbroiling & wok cooking-3 months
  - Operations using solid fuel-burning appliances-1 month
  - All other operations (excluding low-volume operations)-6 months CLEANING

### 4106.5 Manual System operation for the automatic fire extinguisher System.

A manual actuation device shall be provided for the automatic fire extinguisher system provided for the cooking appliance. The manual actuation device shall be unobstructed and in view from the means of egress, located at or near a means of egress from the cooking area and at a location acceptable to the fire code official. The manual actuation device shall be installed not more than 48 inches (1200 mm) not less than 42 inches (1067 mm) above the walking surface of the means of egress and shall clearly identify the hazard protected. The manual actuation shall require a maximum force of 40 pounds (148 N) and a maximum movement of 14 inches (356 mm) to actuate the fire suppression system.

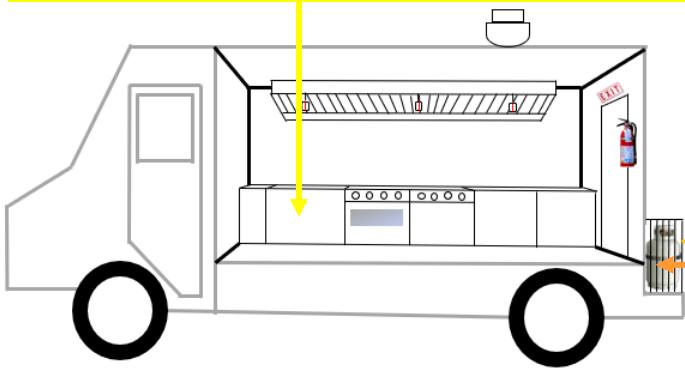


## Mobile Food Vehicle (MFV) Pre-Inspection checklist

### Hood Exhaust System

#### (IFC 4106/607, IMC 507)

- Must be installed at or above commercial cooking appliances.
- Listed and labeled in accordance with IMC Type I, UL 710 or NFPA 96 standards.
- Inspection records from fire code officials, equipment servicing, and cleaning companies shall be maintained.
- Most recent inspection tags by service provider shall be placed in a conspicuous location with service provider name, address, telephone number and date of service.



### Wildfire Risk Area

- 4106.4.1 Temporary heating and cooking shall be in accordance with applicable local wildfire risk area regulations.

### Compressed Gases

- 5303.3.4 Pressure relief devices shall be arranged to discharge upward without obstruction to the open air.
- 5303.5 Pressure relief devices or vent piping is to be designed or located so that moisture cannot collect and freeze in a manner that would interfere with the operation of the device.
- 5053.4.2 Compressed gas containers must be labeled (CGA C-7 Standards) with the name of the gas it contains and the correct color label. Labels must be visible at all times.
- 5303.5.1 Areas used for the storage, use and handling of compressed gas containers shall be protected against unauthorized entry and safeguarded in an approved manner.
- 5303.5.2 All compressed gas containers are to be protected from vehicle impact.
- 5303.5.3 All compressed gas containers are secured to prevent falling caused by a fixed object, nesting or within a rack designed for such use.
- 5304.1 All compressed gas containers must be stored upright and with the valve end up.
- 5305.3 Piping, tubing, pressure regulators and valves shall be kept tight to prevent leakage.
- 5305.4 Required shutoff valves on compressed gas systems must not be removed or altered and must be accessible at all times.

### Annual Leakage Test Requirement/Inspection Tag

- 4106.4.3.4 Annual inspection tag affixed on the fuel gas system or within the vehicle indicating the name of the inspection agency and the date of the satisfactory inspection .
- 4106.4.3.3 All fuel gas piping systems and appliances shall be checked annually for leakage at the operating pressure of the system using a manometer or pressure gauge. Where leakage is indicated, the gas supply shall be turned off until repairs have been made and the system no longer leaks.

### Compressed Natural Gas (CNG) Systems

- 4106.4.3.2 CNG containers and fuel gas piping systems shall be inspected annually by an approved inspection agency, person or special expert who is qualified to ensure that system components are free from damage, suitable for the intended service and not subject to leaking.

### Liquefied Petroleum (LP) Gas Systems

- 4106.3.1 LP-gas containers installed on the vehicle and fuel gas piping systems shall be inspected annually by an approved inspection agency, person or special expert who is qualified to ensure that system components are free from damage suitable for the intended service and not subject to leaking.



## PORTABLE GENERATORS & ELECTRICAL WIRING USED WITH MOBILE FOOD VEHICLES

### **PORTABLE GENERATORS:**

- 1204.2 Listing.** Portable generators manufactured after January 1, 2021, shall be *listed and labeled* in accordance with UL 2201.
- 1204.3 Operation and maintenance.** Portable generators shall be operated and maintained in accordance with the manufacturer's instructions.
- 1204.4 Grounding.** It's the operator's responsibility to provide portable generator grounding through the frame or ground rod in accordance with NFPA 70.
- 1204.5 Operating locations.** Portable generators shall not be operated within buildings or enclosed areas.
- 1204.5 Operating locations.** Portable generators shall be operated only outdoors a minimum of **5 feet from any building openings such as windows and doors or air intakes.**

- 5704.3.3.3 Clear means of egress.** Storage of any flammable or combustible liquids shall NOT be stored near or be allowed to obstruct physically the route of egress.

### **PORTABLE FIRE EXTINGUISHERS:**

- 1204.10 Fire extinguisher.** A *listed* portable fire extinguisher complying with Section 906 with a minimum rating of **2-A:20-B:C** shall be provided not more than 50 feet from the portable generator.

### **Hazard Abatement / Unsafe Conditions**

- 4101.10** Operations or condition deemed unsafe by the fire code official shall be abated. Equipment and devices that are modified or damaged and constitute an electrical shock or fire hazard shall not be used.
- 4101.10.1** The fire code official shall be authorized to require the owner, the owner's authorized agent, operator or user of the equipment to abate unsafe operations or conditions or cause such conditions to be abated or corrected either by removal, repair, rehabilitation, disposal or approved corrective action in compliance of the code.

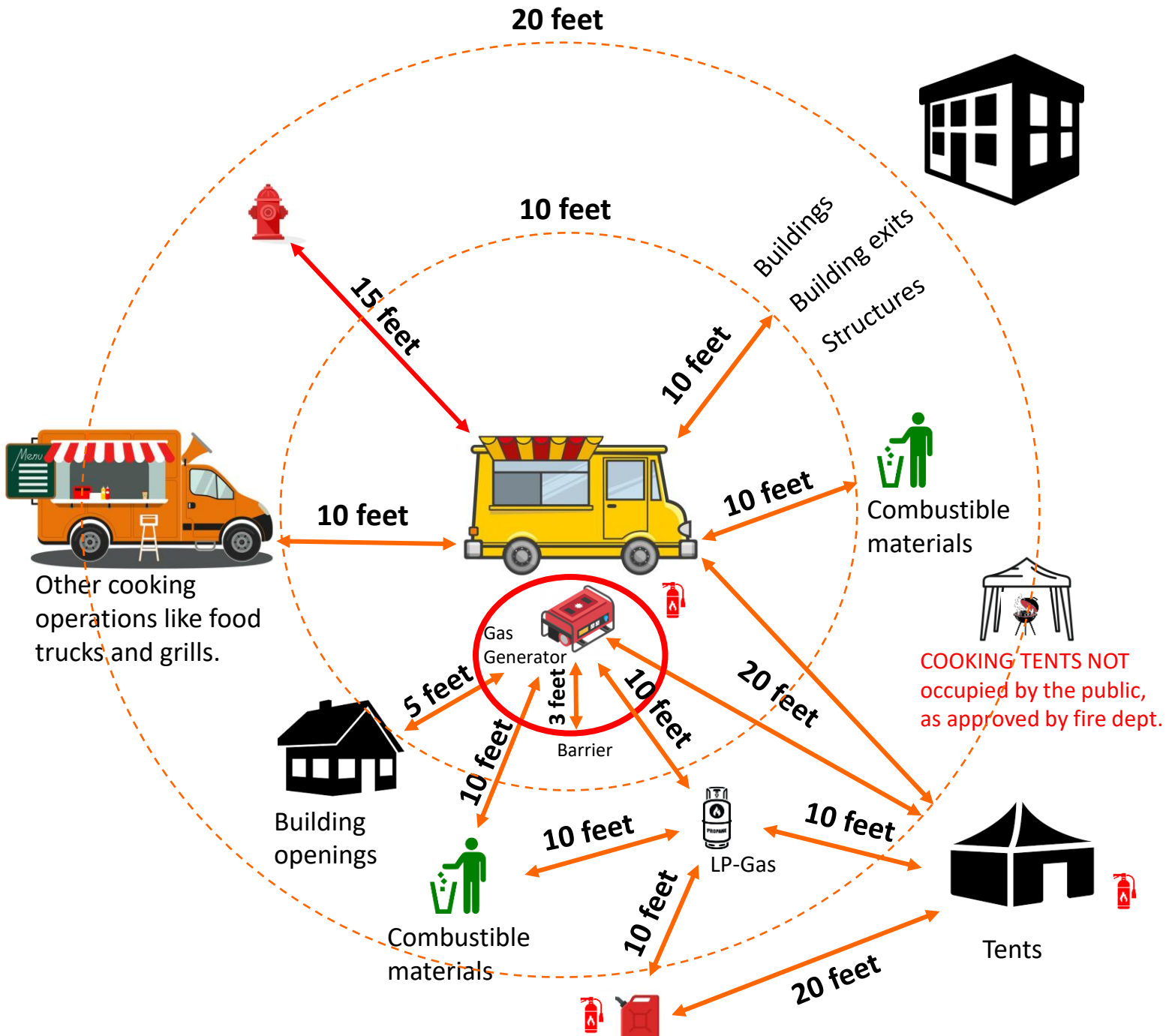
### **PORTABLE GENERATOR REFUELING:**

- 4101.8** Refueling operations for liquid-fueled equipment or devices shall be conducted by trained personnel in accordance with the manufacturer's instructions and this code. The equipment or device shall be turned off and allowed to cool prior to refueling. Operations shall be conducted in a well-ventilated area and at least 10 feet from any building or structure.
- 5704.2.4 Sources of ignition.** Smoking and open flames are prohibited in fuel storage or dispensing areas.
- 313.1.1 Removal.** The *fire code official* is authorized to require removal of fueled equipment from locations where the presence of such equipment is determined by the *fire code official* to be hazardous.



## SAFE PARKING & SETUP

1. Provide the required spacing (See diagram below).
2. Don't block fire lanes, fire department access roads, fire hydrants or fire equipment.



Questions? Contact your local fire district and learn more about mobile food vehicle safety at:  
<https://www.nfpa.org/Codes-and-Standards/Resources/Standards-in-action/Food-truck-safety>