



Columbia County
Fire Marshal's Office
630 Ronald Reagan Drive
Evans, Ga 30809
706-868-3420 Office

Mobile Food Vehicles

Adopted Code Requirements- NFPA 96 Annex B, the International Fire Code and GA 120-3-3

General Information

- Mobile Food Vehicles (MFV) for temporary cooking operations shall be approved by the Columbia County Fire Marshal's Office before cooking operations begin.
- MFV are required to obtain an occupational tax license through the Licensing Department 706-312-7171.
- MFV occupational tax licenses are for the current calendar year, January 1 to December 31.
- Inspections are performed after the occupational tax license application is submitted.
- Provide a list of cooking appliances at the time of inspection.
- Notify us in writing of any alteration, replacement or relocation of any exhaust or extinguishing system.
- Cooking equipment used in fixed, mobile, or temporary concessions, such as trucks, trailers and the like shall comply with these requirements and any applicable adopted code or standard.
- Responsibility for the safe operation of all cooking operations shall be that of the owner, management and operator.
- Mobile and temporary cooking operations shall not block any required exits, public way, fire department access roads, fire lanes, fire hydrants, fire department connections to automatic sprinkler systems and standpipes or other fire protection devices and equipment.
- Mobile and temporary cooking operations shall be separated from buildings or structures, combustible materials, vehicles and other cooking operations by a minimum of 10 feet and at least 20 feet from tents and other membrane structures.
- Liquefied petroleum gas (LP-gas) systems on MFV shall comply with the currently adopted International Fire Code (IFC) and Section 319, National Fire Protection Association (NFPA) 58, 61 and Chapter 120-3-16, Georgia State Modifications.
- Cooking operations that produce smoke or grease laden vapors shall provide a type I hood, duct work, mechanical exhaust system and an automatic suppression system per the currently adopted IFC, NFPA 96, Chapter 120-3-3, Georgia State Modifications and International Mechanical Code.
- All deep-fat fryers shall be installed with at least a 16" space between the fryer and surface flames from adjacent cooking equipment. Where a steel or tempered glass baffle plate is installed at a minimum 8" in height between the fryer and surface flames of the adjacent appliance, the requirement for a 16" space shall not apply.
- Covers shall be installed on fryers to prevent cooking oil from spilling while the MFV is in motion.
- Cooking oil storage containers shall comply with IFC, Section 319.6 and 319.7.
- Egress/exits from the MFV shall be adequate and unencumbered by storage, appliances or design.
- Wheel chocks shall be provided to prevent unwanted movement while cooking operations are conducted.
- Fabric awnings, if present shall be fire rated to comply with IFC, Section 3104 and NFPA 701. Provide documentation of fire rating or remove fabric awnings.
- A working Carbon Monoxide detection system shall be installed per manufacturer's specifications.
- A no smoking sign shall be provided near the transaction counter.
- All wiring and electrical equipment shall comply with NFPA 96 Annex B and NFPA 70.

Training

- Prior to performing cooking operations, one worker shall be provided with initial training in emergency response procedures including the following:
 - (1) Using portable fire extinguishers and extinguishing systems
 - (2) Shutting off fuel sources
 - (3) Notifying the local fire department
 - (4) Refueling internal combustion engine power sources and LP-Gas container change-out
 - (5) Performing leak detection of LP-Gas
 - (6) Understanding fuel properties
- Initial and annual refresher training shall be documented and held in the MFV for review by the inspector.

Exhaust Systems

- Exhaust system(s) shall be operated whenever cooking equipment is turned on. Filter-equipped exhaust systems shall not be operated with filters removed.
- Cooking equipment shall not be operated while the exhaust system is impaired or non-operational.
- A qualified person shall inspect the entire exhaust system for grease build up in accordance with NFPA 96 Annex B 11.3 and cleaned in accordance with B 11.4 if the exhaust system is found to be contaminated with grease. Documentation of the inspection and cleaning shall be available to the inspector.
- Rooftop terminations, such as a hinged upblast fan, shall be in accordance with NFPA 96 B 6.8.

Automatic Suppression Systems and Portable Fire Extinguishers

- Cooking equipment shall not be operated while the fire-extinguishing system is impaired or non-operational.
- Upon activation of an automatic fire suppression system for cooking operations, all sources of fuel and electric power that produce heat to all equipment requiring protection by that system shall automatically shut off.
- Automatic suppression system(s) and fire extinguishers shall have current inspection tags.
- Automatic suppression systems shall be serviced at least every six months or after an activation.
- Fusible links of the metal alloy type shall be replaced at least semi-annually.
- Fire extinguishing equipment shall include both automatic fire extinguishing systems as primary protection and a Class K fire extinguisher as backup. An approved placard shall be conspicuously placed near each Class K extinguisher that states the fire protection system shall be activated prior to using the Class K fire extinguisher.
- At least a Class K and a 2A10BC portable fire extinguisher shall be provided. All fire extinguishers shall be serviced annually or after a discharge. Ensure needle on all extinguisher gauges are "charged" before starting cooking operations.
- Fire extinguishers shall be securely mounted to prevent unwanted movement and shall be readily accessible.

- The exterior shall have audible and visual notification appliances to alert the public of the activation of the suppression system.

LP-gas Systems

- LP-gas systems on MFV and temporary cooking operations shall comply with the currently adopted IFC, Section 319.8 and Chapter 61, NFPA 58 and Chapter 120-3-16.
- All LP-gas cylinders shall be DOT approved and be re-qualified after 12 years from their manufacture date. ASME tanks are exempt from being re-qualified.
- MFV shall not exceed 200 pounds of LP-gas.
- LP-gas containers installed on the vehicle shall be securely mounted and restrained to prevent movement.
- LP-gas containers shall not be stored on roofs or inside the cooking compartment.
- LP-gas containers shall be manufactured in compliance with the requirements of NFPA 58.
- Weather protection shall be provided for cylinders that are located on the outside of a vehicle.
- Piping shall be installed in accordance with 6.11.3 of NFPA 58.
- LP-gas system piping, including valves and fittings, shall be adequately protected to prevent tampering, impact damage, and damage from vibration.
- A listed LP-gas alarm shall be installed within the vehicle in the vicinity of LP-gas system components, in accordance with the manufacturer's instructions per IFC, Section 319.8.5.
- Shutoff valve shall be readily accessible and identified with a sign permanently affixed to the vehicle in reflective decal material with letters a minimum of 2 inches.

Generators

- Shall be in safe working condition and properly grounded.
- Non-permanently mounted generators shall be located at least 25 feet from combustibles or public gathering areas.
- Shall not be refueled when generator is in operation or within 20 feet of MFV.
- Shall not be operated within 20 feet of tents or other membrane structures.
- Should generator(s) be installed in a storage compartment on the MFV, it must be vented to the exterior to prevent fumes from entering the MFV.

Maintenance of Systems

IFC, Section 319.10.3 Fuel gas systems. LP-gas containers installed on the vehicle and fuel-gas piping systems shall be inspected annually by an approved inspection agency or a company that is registered with the U.S. Department of Transportation to requalify LP-gas cylinders, to ensure that system components are free from damage, suitable for the intended service and not subject to leaking. CNG containers shall be inspected every 3 years in a qualified service facility. CNG containers shall not be used past their expiration date as listed on the manufacturer's container label. Upon satisfactory inspection, the approved inspection agency shall affix a tag on the fuel gas system or within the vehicle indicating the name of the inspection agency and the date of satisfactory inspection.

For your convenience, I have provided a website to locate approved inspection companies that are registered with the U.S. Department of Transportation to requalify LP-gas cylinders. The address is: <https://portal.phmsa.dot.gov/rinlocator>

MFV Inspection

MFVName: _____ Inspected by: _____ Permit# _____

Inspection Date: _____ Pass Yes No

Emergency response personnel training: Yes No

Exterior

Type of cooking fuel: LP-gas CNG Wood

Mounting location of LP-gas/CNG tanks: Rear Cabinet Chassis Other _____

Manufacture Date(s) of LP-gas or CNG tanks: _____

Size of tanks: _____ Number of tanks: _____ Type of tanks: DOT ASME

Audible and visual notification devices for fire suppression system: Yes No

Warning Labels

Shut-Offs labeled for LP-gas/CNG with at least 2" reflective red lettering on white background: Yes No

No smoking sign mounted near the transaction counter: Yes No

Generator

Generator powered by: Diesel Gasoline LP-gas CNG

Generator separated from nearby combustibles: Yes No NA

Mounting location of generator: Front Rear Compartment Other

Fabric Awning

Fabric awnings, if present are fire rated: Yes No NA

Interior

Type I hood, exhaust and automatic fire suppression system installed with service tag: Yes No NA

Exhaust system inspected for grease and cleaned: Yes No

Means of egress clear of obstructions: Yes No

Class K fire extinguisher installed with appropriate signage and service tag: Yes No NA

2A10BC fire extinguisher installed with appropriate signage and service tag: Yes No NA

A working carbon monoxide detector: Yes No

Fuel Gas System Inspection Tag

Annual LP-gas system inspection tag per IFC, Section 319.10.3: Yes No

3 Year CNG system inspection tag per IFC, Section 319.10.3: Yes No

Owner/ Representative Name and Signature: _____

