



North Charleston Fire Department

Fire Inspection Bureau

Mobile Food Vendor

Fire Safety Self-Survey 2025 - 2026

Business Name:	Address:
Employee Completing Survey:	Date:
<input type="checkbox"/> NEW PERMIT	<input type="checkbox"/> RENEWAL – EXISTING DECAL # _____

Items in red are changes from 2024 – 2025 Requirements.

***A “No” may indicate a violation of the Fire Code unless the condition is not applicable**

Mobile Food Units	Yes	No*	N/A
Portable Fire Extinguishers			
At least one 2A:10BC portable fire extinguisher in the unit			
When cooking operations produce grease-laden vapors, one 1.5-gallon Type “K” extinguisher is required			
Deep frying - one 1.5-gallon Type “K” extinguisher is required for every 4 fryers			
Extinguisher visible, readily accessible, and mounted			
Each fire extinguisher is maintained per SCFC 906			
Electrical Equipment and Wiring			
All electrical equipment and wiring in the mobile food unit installed per NFPA 70 (2017)			
Extension cords are only used temporarily, only for portable items, never in place of permanent wiring			
Electrical junction box covers, outlet covers, and switch plates are secured in place			
Extension cords must be in good repair, free from obvious damage to the cord or the plug			
Grounding must take place when required during the use of an extension cord			
No Smoking Signs			
“No Smoking” signs conspicuously posted inside the mobile food unit			
“No Smoking” signs posted outside the MFV Unit in the vicinity of every location where the flammable gas or liquid is stored or kept – Sign shall indicate the type of fuel present			
Generators			
Generators shall not be fueled while the mobile food unit is in operation			
Generators shall not be fueled while the generator is in use			
Generator shall be turned off, and the surface temperature cool to touch before the generator is fueled			
Generator shall not be used or fueled within the occupant space of the mobile food unit			
On-site fuel for generators must be kept in a U.L. Listed Type I or Type II Safety Can			
The generator shall be protected to prevent someone from encountering the unit (Burn Injury)			
Separation Distances			
The mobile food unit separated from other mobile food units by a clear space distance of 10 feet (not including awnings and other projections)			
The mobile food unit separated from entrances and other exits of buildings or structures by a clear space distance of 10 feet (not including awnings and other projections)			

The mobile food unit separated from combustible materials by a clear space distance of 10 feet (not including awnings and other projections)			
Tents shall not be located within 20 feet of open flames or other devices emitting flame, fire, or any flammable or combustible liquids, gas, charcoal, or other cooking devices.			
Tents shall have a permanently affixed label to indicate that the tent is flame retardant and meets the flame propagation performance criteria per NFPA 701.			
Obstructing Fire Protection Equipment			
The mobile food unit shall not block fire lanes			
The mobile food unit shall be separated from fire hydrants by a clear space distance of 10 feet			
The mobile food unit shall not block other fire protection equipment			
Egress			
The egress path must be clear and free of any obstructions during food prep and serving			
Doors serving as an exit discharge must open completely and with ease			
An adequate path of travel is required from the MFV Unit to the public way			
Kitchen Hood			
The hood exhaust must be clear of trees or other obstructions, and the fan must be operating			
Hood exhaust must be cleaned, operational, and tagged by a qualified vendor			
Hood suppression must be inspected and tagged by a qualified vendor in the last 6 months (report kept in vehicle)			
LP-Gas Storage, Use and Handling (See also IFC Chapters 53, 57, 58, 61)			
Containers			
Only certified ASME or DOT mobile LP-Gas containers being used			
The total capacity of all LP-Gas containers in the mobile food unit is 200-pounds or less			
LP-Gas containers have been inspected and approved, and the hydrostatic test date is still valid – Every 12 years			
LP-Gas containers secured with noncombustible material or devices			
LP-Gas containers shall not be installed on the roof of a mobile food vending unit			
LP-Gas container valves, components, and connections shall be protected to prevent damage from accidental contact with stationary objects, loose objects, and road debris			
LP-Gas container valves, components, and connections protected from damage due to overturn or similar vehicular accident - LP-Gas cylinders have permanent protection for cylinder valves and connections			
All food trucks/trailers utilizing LP-Gas shall have a UL-listed LP-gas alarm installed within the MFV unit and mounted between 4 and 20 inches from the floor and within 5 feet of the LP-gas cooking components			
Piping and Connectors			
All piping installed per NPFA 58 (2017), section 6.11			
A flexible connector is installed between any regulator outlet and the fixed piping system (to protect against expansion, contraction, jarring, and vibration strains)			
Flexible connectors are installed between cooking equipment and the piping system installed per ANSI Z21-69-2015/CSA 6.16 with restraint cable			
Fixed piping systems designed, installed, supported, and secured in such a manner as to minimize damage due to vibration, strains, or wear, and in such a manner to preclude loosening while in transit			
All piping systems (including the hose) have been inspected and pressure tested by an approved testing agency			
Cooking Oil			
Cooking oil storage containers within the MFV Unit shall not be more than 120 gallons and shall be stored in such a way as not to be toppled or damaged during transport			
A 16" clearance between the fryer and an open flame appliance shall be provided or a metal shield or tempered glass baffle 8" high should be installed. The minimum clearance for solid fuel appliances is 3 feet.			
General Safety			

Ensure cooking surfaces are clean/free from grease and combustible materials			
Storage, food, and stock are in an orderly and not excessive to present a safety concern			
Current business license, operational Permit, and DHEC permit posted in public view			
Your trailer/unit is disconnected from your vehicle and a 10ft separation is provided			
Inspection, Testing, and Maintenance (ITM) – Last Inspection Date (Service Reports Must be Kept With MFV Unit)			
Fire Extinguishers*:	LPG Pressure Test*:	*Every 12 Months - ** Every 6 Months	
Hood Suppression**:	Professional Hood Cleaning**:	4/4/2025 WMM	