



Maryland State Fire Marshal

Mobile Food Vehicle Checklist

- References are to the 2021 edition of NFPA 1, Chapter 50, unless noted otherwise.
- Checklist is summarized - **See the code references for detailed requirements.**

LP Gas Systems**

	Cylinders ≤ 200 gal. and secured upright (50.8.7.1.1 & 50.8.7.4.3.2)
	Disconnected containers & cylinders secured upright during transport & storage (50.8.7.4.4; COMAR 29.06.01.08 VVV*)
	Cylinders located outside vehicle shall meet the following
	Proper road clearance (50.8.7.4.7.1)
	Valves, appurtenances, and connections are protected (50.8.7.4.7.5)
	Weather protection (50.8.7.4.7.8)
	Cylinders inside must be in a compartment that meets the following (50.8.7.4.6)
	Vapor tight to inside
	Accessible only from outside
	Vents provided near top & bottom of compartment
	Vents at least 3' from vehicle openings below the vent level
	Cylinders are tested at the following intervals (50.8.7.4.9)
	Designation E= 5 years S = 7 years No letter = 12 years
	Propane leak detector provided & UL 1484 listed for vehicle use (50.8.7.3.1)*
	Propane leak detector tested monthly (50.8.7.3.2)*
	Gas shutoff on each appliance (50.8.4.4)
	Main shutoff, if provided: accessible & permanent reflective sign (50.8.7.1.2)
	Flex connector is provided between regulator outlet & fixed piping (50.8.7.7.1.2)
	Gas piping enters vehicle directly beneath or adjacent to appliance (50.8.7.7.1.9)

Cooking Equipment & Ventilation

	Grease-producing equipment has listed hood, filters, and exhaust (50.2.1.1)
	Make-up air openings are provided and unobstructed (50.6.1.3)
	Grease buildup inspection documentation; can be by operator (50.6.4):
	Monthly for solid fuel
	Quarterly for wok cooking & charbroiling
	Semi-annually for other cooking
	Baffle 8" high installed between deep fat fryers and flame-producing cooking, or min. 16" between appliances (50.7.1.2.4 & 50.7.1.2.5)
	Deep fat fryers have lids that are secured when vehicle in motion (50.8.12.1)*
	Appliances located so that a fire does not block escape (50.8.4.9)

Vehicle-Mounted Generators & Electrical Systems

	Generator unit is listed (50.8.6.2)
	Generator compartment vapor resistant to vehicle interior (50.8.6.3)
	Generator fuel lines and exhaust piping do not penetrate interior area (50.8.6.4)
	No damaged wires, open boxes/panels, etc. per NEC (50.8.5.2)

Fire Suppression System

	Grease-producing cooking equipment, hoods, and plenums have suppression system compliant with UL-300 (50.5.1.1 and 50.5.2.2)
	Semi-annual maintenance by approved company NFPA 17A, 2021 (8.3.2)
	Interlocked with fuel and electric power (50.5.3.1)
	Manual station in escape path (50.5.4.1.1)
	Audible and visual alarm on vehicle exterior (50.5.5.2)*

Fire Extinguishers

	Fire extinguishers of proper types must be charged, tagged, mounted, unobstructed, near a means of escape (50.5.7.1)
	Class K for cooking with oil and fat (50.5.7.2)
	Class 20:BC for generators and fuel-fired equipment (50.5.7.5)
	Class 2:A for wood or charcoal (50.5.7.3)
	CO2 extinguishers shall not be aboard (50.5.7.6)
	Placard next to class K extinguisher stating to activate system first (50.5.2.1)

Vehicle Safety

	At least one CO detector installed where heat sources are nonelectric and open flames used (50.8.9.1)*
	No seating for the public inside the vehicle (50.8.3.2)

Staff Emergency Training

	At least one worker initially trained in the following (50.8.10.1)
	Using portable extinguishers and extinguishing systems
	Shutting off fuel sources
	Notifying the Fire Department
	Proper refueling and gas cylinder change-out
	Performing leak detection
	F=Understanding fuel properties
	Annual refresher training provided to designated personnel (50.8.10.4)
	Training documentation remains on board & available upon request (50.8.10.5)

Event Setup

	Vehicle 10' from building entrances & exits, other vehicles, tents, and other combustible materials (50.8.2.1 and 50.8.2.2)
	Chocks, jacks, or wheel clamps in use (50.8.2.3)
	Access maintained for fire lanes, hydrants, FDCs, other fire equipment (50.8.1.4)
	No impediments to immediate escape (50.8.1.7; COMAR 29.06.01.08 UUU*)
	Windows are open and/or ventilation is on before cooking (50.6.1.1)
	Exhaust systems with filters are operated only with filters in place (50.6.1.2)
	Portable generator 12' from cooking operations (50.8.5.4.1)*
	Portable generator guarded with cones, fencing, other barrier (50.8.5.4.2)*
	Portable generator fueled only when shut down and cooled (50.8.8.3)
	Propane leak detection testing done each time a connection is made or cylinder changed (50.8.7.3.4)
	Propane system inspected before use (50.8.7.3.3)
	Documentation of propane detection testing is maintained on vehicle (50.8.7.3.5)
	Flammable liquids must be outside vehicle or meet NFPA 30 (50.8.1.6)
	Phone available or other approved emergency communication (50.8.1.5.1)
	Location address posted for emergency reporting (50.8.1.5.2 & 50.8.10.6)
	Public not allowed inside (50.8.3.2)
	One staff person has documented emergency training (50.8.10.2)

Check Box Key

X or NA = item not applicable

√ or OK = item in compliance

Number = item with corrections needed, time to comply, or additional notes as follows:

* Items new or revised in the 2021 edition of NFPA 1 Ch. 50 or the COMAR amendments

** gas fitter certification removed from NFPA 1 and COMAR amendments, but NFPA 58 compliance still required