

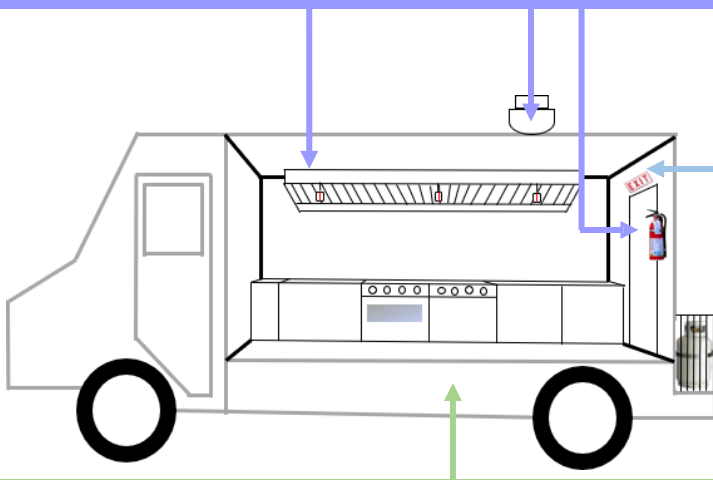
# Corridor Fire Marshals

## Mobile Food Vendor Pre-Inspection checklist

**Mobile Food Vendor inspection applies to all vehicles (including trailers) that are equipped with appliances that produce smoke or grease-laden vapors. Also included is the use of LPG/CNG. All listed requirements are based on the International Fire Code, International Mechanical Code, NFPA 58 and NFPA 96.**

### Fire Protection Systems & Fire Extinguishers

- 904.2.2** An Automatic fire extinguishing system is required to protect commercial exhaust hood and duct systems.
- 904.12.5.2** Automatic fire extinguishing system is required to be inspected and tested every six months and after the activation of the system by a licensed contractor. Certificate or inspection service tag must be posted.
- 906.1** Portable fire extinguishers shall be installed in vehicles that produce smoke or grease-laden vapors.
- 906.2** All fire extinguishers must be inspected annually by a licensed contractor.
- 906.4 A 2A:** 10-B-C, portable fire extinguisher is required for all mobile food vehicles.
- 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.
- 906.5** 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 are not to 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.

### Building Service and Systems

- 604.1** Electrical wiring must be in good working condition.
- 604.4** Multi-plug adapters are not allowed.
- 604.5** Extension cords are not allowed as permanent wiring.
- 604.6** Open junction boxes and spliced wiring is not allowed.
- 607.2** Where grease vapors are produced; a Type 1 exhaust hood system is required.
- 607.3.3.2** Accumulated grease is cleaned regularly according to ANSI/IKECA C10 standards according to timing in Section 607.3.3.1

- 607.3.3.1** Hoods, grease-removal devices, fans, ducts, and other appurtenances shall be inspected and cleaned as required by sections 2021 IFC 606.3.3.1 through 606.3.3.3 and NFPA 96 section 4.5.1 and 12.6.1 or as approved by the fire code official. Inspections shall be completed by qualified service professionals every 12 months for seasonal businesses.

### Cooking Oil Storage Systems

- 319.6** Cooking oil storage containers can have a maximum combined volume 120 gal or less and stored so that they will not be toppled or damaged during transport.

**Corridor Fire Marshals** includes the cities of Cedar Falls, Cedar Rapids, Hiawatha, Iowa City, Marion, North Liberty, Tiffin & Waterloo and the University of Iowa

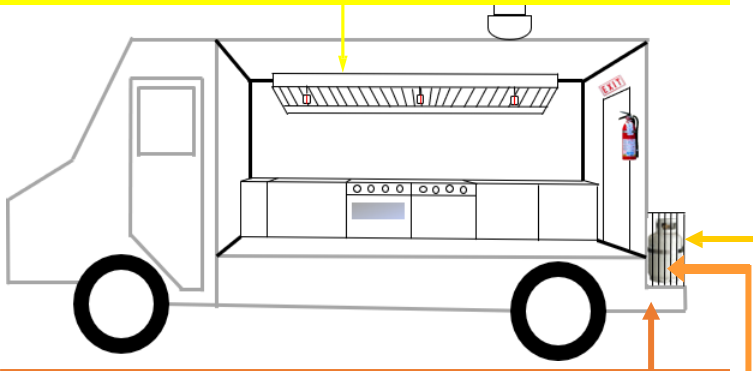
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### Hood Exhaust System (IFC 319/607, IMC 507)

- ❑ 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.



### Compressed Natural Gas (CNG) Systems

- ❑ **319.9** Requirements for CNG containers only supplying cooking fuel:
  - ❑ **319.9.1.1** Cannot exceed 1,300 lbs water capacity.
  - ❑ **319.9.1.2** Securely mounted and restrained to prevent movement. Containers cannot be installed in an area subject to vehicle impact.
  - ❑ **319.9.1.3** Must be constructed as an NGV-2 cylinder.
- ❑ **319.9.2** CNG containers supplying transportation and cooking fuel must be installed according to NFPA 52 standards.
- ❑ **319.9.3** CNG system piping, including valves and fittings, shall be adequately protected to prevent tampering and damage from impact and vibration.
- ❑ **319.9.4** A listed methane gas alarm must be installed within the vehicle according to the manufacturer's instructions.
- ❑ **319.10.3** All CNG systems must be inspected every 3 years in a qualified service facility.

### 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.

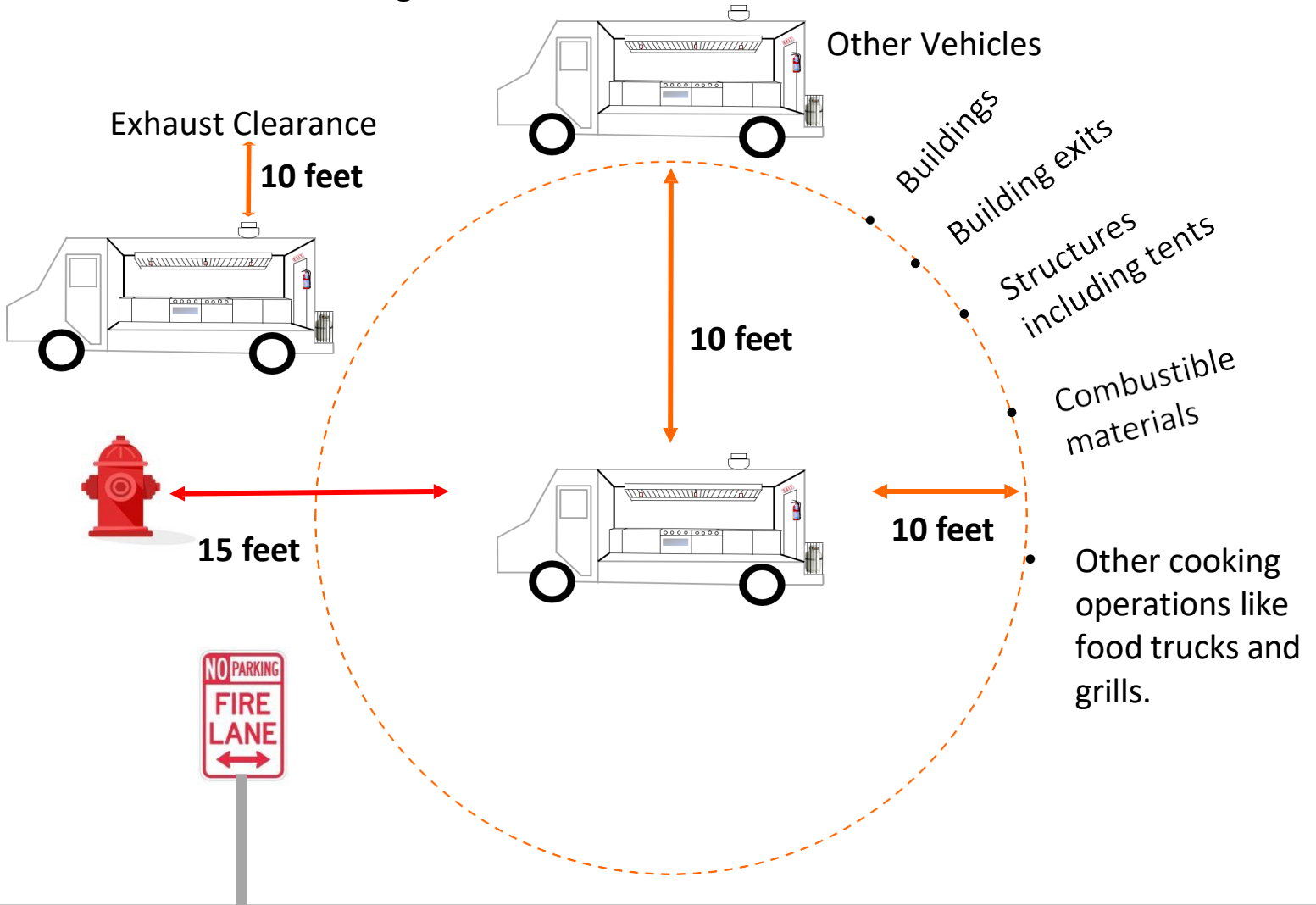
### Liquefied Petroleum (LP) Gas Systems

- ❑ **319.8.1** Maximum aggregate capacity of LP-gas containers transported on a vehicle and only used to fuel cooking appliances is 200 lbs (47.3 gallons) propane capacity. Note: 4.23 lbs of propane = 1 gallon of propane
- ❑ **319.8.2** LP-gas containers installed on the vehicle shall be securely mounted and restrained to prevent movement.
- ❑ **319.8.4** LP-gas system piping, including valves and fittings, shall be adequately protected to prevent tampering, impact damages and damages from vibration.
- ❑ **319.8.5** A listed LP-gas alarm shall be installed within the vehicle in the vicinity of the LP-gas system components, according to the manufacturer's instructions and under the requirements of UL 1484.

# Corridor Fire Marshals

## PARK SAFE

1. Give space (15 feet for fire hydrants and 10 feet for everything else).
2. Don't park in fire lanes or fire department access roads.
3. Stabilize your food truck when its parked (wheel chocks or jacks).
4. Shut off all LP gas tanks when in transit or unattended.



## Fire Department Contacts

Cedar Falls	<a href="#">John Zolondek</a>	(319) 273-8690	North Liberty	<a href="#">Bryan Hardin</a>	(319) 626-5709
Cedar Rapids	<a href="#">Chris Hinrichs</a>	(319) 286-5421	Tiffin	<a href="#">Bill Erb</a>	(319) 545-2572 x2203
Coralville	<a href="#">Nic Pruter</a>	(319) 248-1848	Waterloo	<a href="#">Brock Weliver</a>	(319) 291-4460
Hiawatha	<a href="#">Frank Sir-Louis</a>	(319) 393-4180	University of Iowa	<a href="#">Bruce McAvoy</a>	(319) 335-5389
Iowa City	<a href="#">Axel Swanson</a>	(319) 356-5257			
Marion	<a href="#">Shawn Fluharty</a>	(319) 373-8086			