



— FIRE DEPARTMENT —

Indianola Fire Department Requirements for Concession Stands and Mobile Food Vendors

1. **General.** Concession stands, food booths, and retail booths shall be in accordance with the following:
 - 1.1. **Distances.** A minimum of 20 feet shall be provided between every 150 linear feet of booth space. A minimum of 30 feet shall be provided between booths used for cooking and the vehicles, generators, or any other internal combustion engines. A minimum of 30 feet shall be provided between booths used for cooking and amusement rides or devices.
2. **Cooking appliances or devices.**
 - 2.1. **Public isolation.** Cooking appliances or devices shall be isolated from the public by not less than 4 feet or by a non-combustible 3-sided barrier between the equipment and devices and the public.
 - 2.2. **Protection.** Single-well cooking equipment using combustible oils or solids shall meet the following:
 - 2.2.1. A noncombustible lid shall be immediately available. The lid shall be of sufficient size to cover the cooking well completely.
 - 2.2.2. The cooking surface shall not exceed 288 square inches.
 - 2.2.3. The equipment shall be placed on a noncombustible surface.
 - 2.2.4. The equipment shall be separated from each other by a horizontal distance of not less than 2 feet.
3. **Liquefied petroleum gas (LP-gas).** LP-gas shall be in accordance with NFPA 58 and IFC Chapter 61.
 - 3.1. **Maximum number and quantity.** A maximum of a total aggregate water capacity of 50 gallons of LP-gas is permitted at one concession stand or booth used for cooking.
 - 3.2. **LP-gas high-pressure cylinder hoses.** Hoses shall be designed for a working pressure of 350 PSIG with a safety factor of 5 to 1 and shall be continuously marked with LP-GAS, Propane, 350 PSI WORKING PRESSURE, and the manufacturer's name or trademark. Hose assemblies, after the application of couplings, shall have a design capability of 700 PSIG. Hose shall not exceed 12 feet unless approved by the fire code official.
 - 3.3. **LP-gas low-pressure cylinder hoses.** Hoses with a working pressure of 5 PSIG shall be allowed when a fixed regulator is set at 5 PSIG and is connected directly to the LP-gas cylinder. The hose shall not exceed 12 feet unless approved by the fire code official.
 - 3.4. **Storage of containers.** Containers shall be stored in accordance with IFC Chapter 61

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4. **Generators / electrical.** The generators shall be installed at least 10 feet from combustible materials and shall be isolated from the public by physical guard, fence, or enclosure installed at least 3 feet away from the internal combustion power source, and be provided with a compliant portable fire extinguisher per IFC Section 906 and NFPA 10.
5. **Mobile Food Vehicles**
 - 5.1. **General.** Mobile food vehicles which are temporarily or permanently stored on a property where food items are processed or prepared and sold to the public shall comply with this section.
 - 5.1.1. **Exception:** Food peddlers operating a retail food establishment from a vehicle designed to be readily movable in which food is; sold or given away but not composed, compounded, thawed, reheated, cut, cooked, processed or prepared.
 - 5.2. **Hoods:** A Type I hood shall be installed at or above all commercial cooking appliances and domestic cooking appliances used for commercial purposes that produce grease vapors. Commercial kitchen exhaust hoods shall comply with the requirements of the *International Mechanical Code*.
 - 5.2.1. **Maintenance.** Hoods shall be inspected, tested, and maintained in accordance with the *International Fire Code* and the *International Mechanical Code*.
 - 5.2.2. **Inspection and tests.** Kitchen hood extinguishing systems shall be inspected and tested every six months by a state of Iowa licensed fire protection contractor.
 - 5.3. **Fire Extinguishers.** Portable fire extinguishers shall be provided within a 30-foot travel distance of commercial-type cooking equipment. An approved 2A:20B:C rated dry chemical fire extinguisher shall be provided within 30 feet of any commercial cooking equipment. Additionally, cooking equipment involving solid fuels, or vegetable or animal oils and fats shall be protected by a Class K rated portable extinguisher in accordance with IFC Section 904.12.5.1 or 904.12.5.2, as applicable.
 - 5.4. **Liquefied petroleum gas (LP-gas).** LP-gas shall be in accordance with IFC Chapter 61 and NFPA 58.
 - 5.4.1. **Maximum number and quantity.** A maximum of two LP-gas containers with a total aggregate water capacity of 50 gallons is permitted at one mobile food vehicle.
 - 5.4.2. **LP-gas cylinder hoses.** Hoses shall be designed for a working pressure of 350 PSIG with a safety factor of 5 to 1 and shall be continuously marked with LP-GAS, PROPANE, 350 PSI WORKING PRESSURE, and the manufacture's name or trademark. Hose assemblies shall be leak tested at the time of installation at not less than the operating pressure of the system in which they are installed.
 - 5.5. **Location.** Mobile food vehicles shall not be located within 20 feet of buildings, tents, canopies, or membrane structures.
 - 5.5.1. **Container Location.** LP-gas containers shall be located with respect to buildings, public ways and lot lines of adjoining property that can be build upon, in accordance with IFC Table 6104.3