



# Brighton Fire Rescue District

500 S. 4<sup>th</sup> Ave, 3<sup>rd</sup> Floor • Brighton, Colorado 80601  
Telephone: (303) 659-4101 • Fax: (303) 659-4103 • Website: [www.brightonfire.org](http://www.brightonfire.org).

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## Special Event Temporary Facilities and Food Concessions Fire Prevention Requirements

The responsible owner or manager of special event temporary facilities and food concessions are responsible for assuring compliance with the current adopted fire code. Within our jurisdiction, the 2018 International Fire Code has been adopted with amendments. Compliance with ALL applicable code requirements is mandatory. However, for your convenience, listed below are highlights of applicable requirements established by the adopted code.

### MOBILE FOOD VEHICLE REQUIREMENTS (additional form required)

#### 1. Cooking Equipment

- a. Cooking equipment shall be listed and approved for commercial applications; residential equipment will not be approved for use.
- b. A minimum of 16 inches must be provided between the membrane structure backdrop material and cooking appliances. A minimum of 16 inches must be provided between deep fat frying appliances, woks, and open flame stoves. An alternative to this requirement is to provide a 16 inch in height full width splashguard separating the appliances.
- c. Cooking equipment should not be used under temporary membrane structures unless approved by a fire prevention officer.

#### 2. Fire Extinguishing Systems

- a. Any food vendor location operating equipment that produces grease laden vapors in a trailer, mobile food truck, or similar location shall have a Type I hood installed. The equipment and devices shall be installed and meet the current applicable code requirements for Type I hood systems. A Type I hood system shall be equipped with an automatic fire extinguishing system.
  - b. The fire extinguishing system shall be inspected and tested by a licensed fire suppression system inspector within the last year and have a current inspection/service tag.
  - c. All hoods shall be cleaned regularly and as needed due to cooking volume. Greasy hoods shall be cleaned immediately.
- ➡ Examples of cooking appliances that require a Type I Hood with fire extinguishing system include but are not limited to griddles, fryers, tilted skillets or woks, braising or frying pans, and char broilers.

#### 3. Portable Fire Extinguishers

- a. ALL food vendors are required to have at least one fire extinguisher with a minimum rating of 2A:10BC with a current inspection/service tag from a licensed fire extinguisher company. The fire extinguisher shall be visible and unobstructed.
- b. All cooking equipment involving vegetable or animal oils and fats shall be protected by a Class K rated portable extinguisher in addition to the 2A:10BC extinguisher. The

fire extinguisher shall have a current inspection/service tag from a licensed fire extinguisher company.

#### **4. Compressed Gas/LPG**

- a. Cylinders that supply cooking operations shall have the regulator located at the tank. Tanks shall have an on/off valve and must be turned off when not in use.
- b. Cylinders shall be properly secured by one or more restraints.
- c. A minimum of 10 foot clearance from any trash or combustible materials.
- d. Cylinders shall be kept away from open flames, generators or other sources of ignition.

#### **5. Generators**

- a. Portable generators shall be located no less than 25 feet from combustibles or public areas.
- b. Refueling shall not be conducted when event is open and operating.
- c. Generator shall be in safe working condition according to manufacturer's requirements.

#### **6. Electrical/Extension Cords**

- a. All electrical wiring and appliances shall have a ground, be UL listed, and be properly rated for use according to manufacturer's requirements.
- b. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact.
- c. Extension cords shall be used with portable appliances only.

#### **7. General Fire Safety**

- a. Tents and membrane structures shall have a tag denoting the flame resistance of that material. Paperwork showing that this criterion has been met is acceptable if a tag is missing or has been removed.
- b. Accumulation of combustible rubbish shall not produce conditions that will create a nuisance or a hazard to the public health, safety or welfare.
- c. Clearance between ignition/heat sources and combustible materials shall be maintained in an approved manner.
- d. Only approved containers and portable tanks shall be used for flammable and combustible liquids.
- e. Flammable and combustible liquids shall be separated from combustible materials and ignition/heat sources by at least 10 feet.

### **TENTS, CANOPIES, AND TEMPORARY MEMBRANE STRUCTURES**

1. "No Smoking" and "Occupant Load" signs shall be conspicuously posted.
2. Cooking and heating equipment shall not be located within 10 feet of exits, aisles, passageways or combustible materials. Outdoor cooking that produces sparks or grease-laden vapors shall not be performed within 20 feet of a tent or membrane structure.
  - a. Operations such as warming of foods, cooking demonstrations and similar operations that use solid flammables, butane or other similar devices that do not pose an ignition hazard, may occur under structures.
3. Tents shall be provided with one 2A:10BC fire extinguisher for each 500 square feet of covered area. The extinguisher will need to have a current inspections certification tag affixed.

4. LP-gas containers shall be located outside and safety release valves shall be pointed away from the tent or membrane structure. Tanks 500 gallons or less must have a separation distance of at least 10 feet. Tanks greater than 500 gallons must have a separation distance of at least 25 feet.
5. Flammable and combustible liquids shall be stored outside in an approved manner not less than 50 feet from structure(s). Refueling shall be performed in an approved location not less than 20 feet from structure.
6. Areas within and adjacent to the structure shall be maintained clear of all combustible materials or vegetation that could create a fire hazard. Combustible trash shall be removed at least once a day from the structure.
7. Membrane structures, tents or canopies shall not be located within 20 feet of lot lines, buildings, other temporary structures, parked vehicles or internal combustion engines. Note: For the purpose of determining required distances, support ropes and guy wires shall be considered as part of the temporary structure.
  - a. There are exceptions to this including tents not used for cooking operations and less than 15,000 square feet.
8. Generators and other internal combustion engines shall not be located within 20 feet of the temporary structure(s) and shall be isolated from contact with the public by fencing, enclosure or other approved means.
9. The structure must be properly anchored (provide anchor type, size, and weight) and structurally stable in order to withstand weather related collapse. Note: Unless specifically approved by the tent manufacturer, water filled barrels are not considered acceptable anchorage.
10. Guy wires, guy ropes and other support members shall not cross a means of egress at a height of less than 8 feet.

**Requirements only applicable to canopies exceeding 400 square feet and tents exceeding 700 square feet:**

11. A certificate must be submitted indicating the name and address of the owner(s) of the temporary structure, date the fabric was last treated with flame-resistant solution, name of person or firm treating the material, trade name or kind of chemical used, name of testing agency and test standard. The temporary structure shall have a permanently affixed label bearing the identification of size and fabric or material type.
12. Exits shall be spaced at equal intervals around the perimeter and shall be located such that all points are 100 feet or less from an exit. Exits shall remain open unless covered by colored contrasting curtains which slide freely on metal supports and swing in the direction of exit travel.
13. Exits shall be clearly marked with signs of an approved self-luminous type or shall be internally or externally illuminated.
14. Tents with fully enclosed sides must meet additional exit, exit way, occupant load, and seating requirements. Contact the Fire Prevention Bureau for special permit information and requirements.

**➡ Each canopy exceeding 400 square feet in area, and/or tent exceeding 700 square feet in area requires an Operational Permit to be secured from Brighton Fire Rescue District prior to being erected. Fees for an Operational Permit are currently established at \$55.00/structure and must be paid to Brighton Fire Rescue District at time of permit application.**

## AMUSEMENT FACILITIES

1. No amusement ride or device shall operate within the State of Colorado without first becoming registered as provided herein. Each operator of an amusement ride or device must register and obtain a permit by filing an application with the Division of Oil and Public Safety, prior to opening rides to the public.
2. Records of the daily inspections must be available for inspection at the location where the amusement ride or device is operated, and the records must be maintained with the amusement ride or device for a period of three years.
3. Special amusement buildings\* shall be equipped throughout with an automatic sprinkler system in accordance with NFPA 13. Where the special amusement building is temporary, the sprinkler water supply shall be of an approved temporary means. Exception: Automatic sprinklers are not required where the total floor area of a temporary special amusement building is less than 1,000 square feet (93 m<sup>2</sup>) and the travel distance from any point to an exit is less than 50 feet (15 240 mm).
4. Special amusement buildings shall be equipped with an automatic smoke detection system where the activation of any single smoke detector, the automatic sprinkler system or any other automatic fire detection device shall immediately activate an audible and visible alarm at the building at a constantly attended location from which emergency action can be initiated. This includes the capability of manual initiation of 1) illumination of the means of egress 2) stop any conflicting or confusing sounds and visual distractions 3) activate an approved directional exit marking that will become apparent in an emergency and 4) activate a prerecorded message, audible throughout the special amusement building, instructing patrons to proceed to the nearest exit.
5. The components of the above shall be positioned to allow a 20 foot wide fire access road to encircle the entire area comprising the amusement and midway facilities.
6. Fire extinguishers with a minimum of 2A:10BC rating must be provided throughout the area and a maximum of 75 feet travel distance to the extinguishers must not be exceeded.
7. Internal combustion power sources (motor vehicles, generators, amusement ride units, etc.) must have fuel tanks with capacity adequate to permit uninterrupted operation during normal operating hours. Refueling shall only be conducted when the ride is not in use. Internal combustion power sources shall be isolated from contact with the public by either physical guards, fencing, or enclosure. A minimum of one 2A:10BC rated fire extinguisher shall be provided for each power source unit.

\*A building that is temporary, permanent or mobile that contains a device or system that conveys passengers or provides a walkway along, around or over a course in any direction as a form of amusement arranged so that the egress path is not readily apparent due to visual or audio distractions or an intentionally confounded egress path, or is not readily available because of the mode of conveyance through the building or structure.

On-site inspections of facilities prior to and during the event will be conducted by Fire Prevention Staff of Brighton Fire Rescue District. **Any tents, trucks, trailers, structures, rides or other locations deemed unsafe due to code violations or life safety issues will not be allowed to operate until all violations have been corrected.**

Questions related to the above fire code requirements can be directed to the Fire Prevention Bureau at (303) 659-4101.



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Dear Special Event Owner or Sponsor,

It is the intent of Brighton Fire Rescue District to assure that persons, companies, and organizations understand and comply with the adopted fire code as it applies to the above noted temporary facilities located at special events within the District.

To indicate that an understanding of the code requirements and that compliance with these requirements will be assured by the facility's responsible party, please fill out the appropriate information below and sign below. **This page must be returned to 500 South 4<sup>th</sup> Avenue, 3<sup>rd</sup> Floor Brighton, Colorado 80601 prior to the start of the special event.** A record of all returned forms will be kept on file and verification that this form has been received will be completed during the inspections before the event begins.

Note: Please keep the previous pages and maintain them with the facility throughout the course of the event.

Thank you for your cooperation in assuring a safe and fun event!

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Firm/facility: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

## Event Information

Description: \_\_\_\_\_

Location: \_\_\_\_\_

Date(s) of Event: \_\_\_\_\_