

INFORMATION BULLETIN

FIRE REGULATIONS FOR OUTDOOR FESTIVALS CONCESSION BOOTHS (See Tents and Canopies Information Bulletin)

Code Reference:

California Fire Code (CFC), 2001 Edition, Sections 2504 / 3201

California Building Code (CBC), 2001 Edition, Section 3103E

NFPA, 1996 Standards

PLANS AND PERMITS:

1. The promoter shall submit a site plan showing locations; and type and size of booth(s) and concession stands, the vehicle traffic flow, available parking, pedestrian traffic, fire lanes, fire hydrants, and fire suppression equipment (i.e. fire extinguishers). See information below.
2. Promoters shall submit an application for permit to erect booths or place concession stands for cooking and non-cooking purposes. Tents in excess of 200 square feet or canopies in excess of 400 square feet require a permit, separate from the Outdoor Festival Permit.

BOOTH CONSTRUCTION/LOCATION:

1. Booths shall be located from property lines or building as follows:

1,500 square feet or less	10 feet	
1,500 - 15,000 square feet	30 feet	
15,000 square feet or greater	50 feet	(CBC 3104E)

2. Cooking booths may be clustered in groups and should not exceed 50 lineal feet. Cooking booths must be separated from non-cooking booths by 20 feet, and exits shall have a 10-foot clearance from the cooking appliances. An exit aisle shall be provided as in Attachment A.
3. Non-cooking booths may be clustered in groups and should not exceed 2,000 aggregate square feet or 100 lineal feet, whichever is the least in dimension.

4. All fabric or pliable canopy covers side/back drop material must be:
 - a. Inherently fire resistive and labeled as such, or
 - b. Treated by State Fire Marshal licensed applicator. If the booth is owner occupied it may be treated by the owner with a State Fire Marshal approved fire retardant chemical and subject to a flame test. The used chemical container and dated sales receipt shall be made available.
5. Flooring material used with festival cooking booths and under all equipment shall be non-combustible or fire retardant-treated, as approved by the Fire Marshal. All other tents, booths, or enclosures using saw dust, shavings, or other combustible material on the floor, ground, or around shall be made flame resistant, or when approved by the Fire Marshal, shall be kept adequately damp when tent is occupied.
6. Booth EXIT openings shall be a minimum of 3 feet wide by 6 feet, 8 inches tall. The number of exits shall be in accordance with Table 3211-A (see Page 6).
7. All vehicles shall be parked a minimum of 20 feet from the booth(s).
8. Decorative materials must be inherently fire resistive, or combustible materials, such as butcher paper or palm leaves must be treated with a fire retardant paint or spray. Receipts or empty cans may serve as proof. A flame test may be required to determine if the materials are treated properly.
9. Booth numbers shall be posted at the front of each and every booth for identification purposes, when required by the Fire Department.
10. Smoking shall not be allowed in booths.

COOKING EQUIPMENT:

1. All cooking equipment shall be of an approved type.
 - a. No white gas or kerosene fuel stoves will be allowed.
2. Butane or propane equipment shall conform to the following:
 - a. The maximum size for Liquid Petroleum Gas (LPG) tanks used inside of booths is 12 pounds at one time. The tank must be far enough away from the stove to be safely shut off in case of fire; not under the table, with the stove on top (CFC 8203.2.1.6).

- b. Each inside cooking appliance may have a maximum of 12 pounds of LPG fuel stored outside of the booth, separated at least 20 feet from the other LPG tank.
 - c. Cooking equipment used outside of the booth may have larger quantities only when approved by the Fire Marshal.
 - d. Manifolding of LPG tanks shall be approved by the Fire Marshal.
 - e. Tanks shall have a shut-off valve.
 - f. Stove must have an ON/OFF valve.
 - g. Hoses must be of a type approved for use with the fuel and the equipment.
 - h. Ensure both the tank and the hose are protected from physical damage.
 - i. Tank must be protected from damage and secured in an upright position.
 - j. No storage of extra of propane tanks will be allowed in the booths (See Item b. above).
 - k. Turn off the tank when not in use.
3. Each vendor shall test the hose connections with a soap and water solution to ensure no leaks are present.
 4. A minimum of 16 inches shall be provided between deep frying appliances/woks and other open flame devices (NFPA 96).

DEEP FAT FRY/FLAMBÉ COOKING:

1. Deep fat frying shall be defined as any cooking operation or process whereby the product floats or is submerged in hot oil during the cooking process.
2. Deep fat frying or flambé cooking operations shall be located outside the booth in an area not subject to overhead contamination, such as trees, leaves, etc., and should be no closer than 20 feet from any adjacent temporary membrane structure, tent or canopy (CFC 3216.3.3).
3. The cooking area shall not be accessible to the general public.
4. Deep frying equipment must be equipped with a temperature regulating device, thermostat, or other method of regulating temperatures, as approved by the Fire Marshal.
5. When deep fat frying, a **40-B:C or K** type fire extinguisher is required.

BARBECUE COOKING:

Propane, charcoal, and wood barbecue cooking shall adhere to the following regulations:

1. Barbecue cooking is prohibited inside of all booths.
2. Barbecue cooking shall be performed in areas away from public access, and shall not be located within 10 feet of exits, aisles, passageways. Gas, solid, and liquid fuel burning cooking equipment located outside of a tent, canopy, or temporary membrane structure shall not be located within 20 feet of such structure. Barbecues shall not be in an area subject to overhead contamination, such as trees, leaves, etc. (CFC 3216.3.3).
3. Only commercially sold charcoal, fuel, lighter fluid, or electric starter may be used.
4. Wood barbecues shall be prohibited from using scrap wood as fuel. (Exception: Only that amount used as kindling used to start a wood fire.)
5. No storage of starter fuel, wood, or LPG will be allowed within the confines of the booth.
6. Coals shall be disposed of only in metal containers that have been designated for such use and approved by the Fire Marshal. **Dumping coal in trash containers is prohibited!**

SPECIALIZED OUTSIDE COOKING APPLIANCES:

Specialized cooking appliances or methods shall be used in areas away from public access and shall not be located within 10 feet of exits, aisles, passageways. Gas, solid, and liquid fuel burning cooking equipment that produce sparks or grease laden vapors, located outside of a tent, canopy, or temporary membrane structure, shall not be located within 20 feet of such structures (CFC 3216.3.3).

FIRE EXTINGUISHERS:

Each booth up to 400 square feet shall be provided with a minimum of one **2-A:10-B:C** rated portable fire extinguisher.

NOTE: Deep fat or flambé type cooking operations will require an additional **40-B:C** or **K** type portable fire extinguisher.

Fire extinguishers shall conform to the following:

1. The fire extinguisher must be mounted adjacent to the exit way from the booth and secured in a manner that it will not fall over.
2. It must be visible, accessible, and away from the cooking area.
3. It must be currently serviced and have an approved California State Fire Marshal service tag affixed to it.

ELECTRICAL USE:

1. Extension cords shall be of an approved type: minimum size - 16 gauge, 15-foot, serving one appliance, (zip wire extension cords are not allowed).
2. All extension cords will be of the proper size to service the equipment that they are supplying.

MISCELLANEOUS:

1. The Fire Marshal encourages the use of non-combustible materials in the cooking areas.
2. Combustible waste shall not be allowed to accumulate on the grounds either inside or outside of the booth. Such waste shall be stored in approved containers, until removed from the premises. All combustible waste shall be removed at least once a day, or more often as conditions warrant.
3. Clean all cooking surfaces regularly to prevent the build-up of grease.
4. Gasoline powered generators shall be located 20 feet from tents or canopies and public rides (CFC 3219). Storage of flammable liquid shall be 50 feet from tents or canopies (CFC 3217.2).
5. Decorative material must be adherently fire resistive, or combustible material such as butcher paper or palm leaves must be treated with a fire retardant paint or spray. A receipt or empty containers may serve as proof. A flame test may required to determine if materials are treated properly.

6. Compressed gas cylinders shall be secured in an upright position with plug valves in place.
7. Where vents or flues go through a temporary membrane, the canopy shall be no less than 12 inches from the vent or flue. Solid fuel equipment also requires a spark arrester with 1/4-inch mesh.
8. Generators shall be 20 feet from any temporary membrane structures, tents, or canopies. Also, generators shall be guarded against public contact.

FIRE SAFETY TIPS:

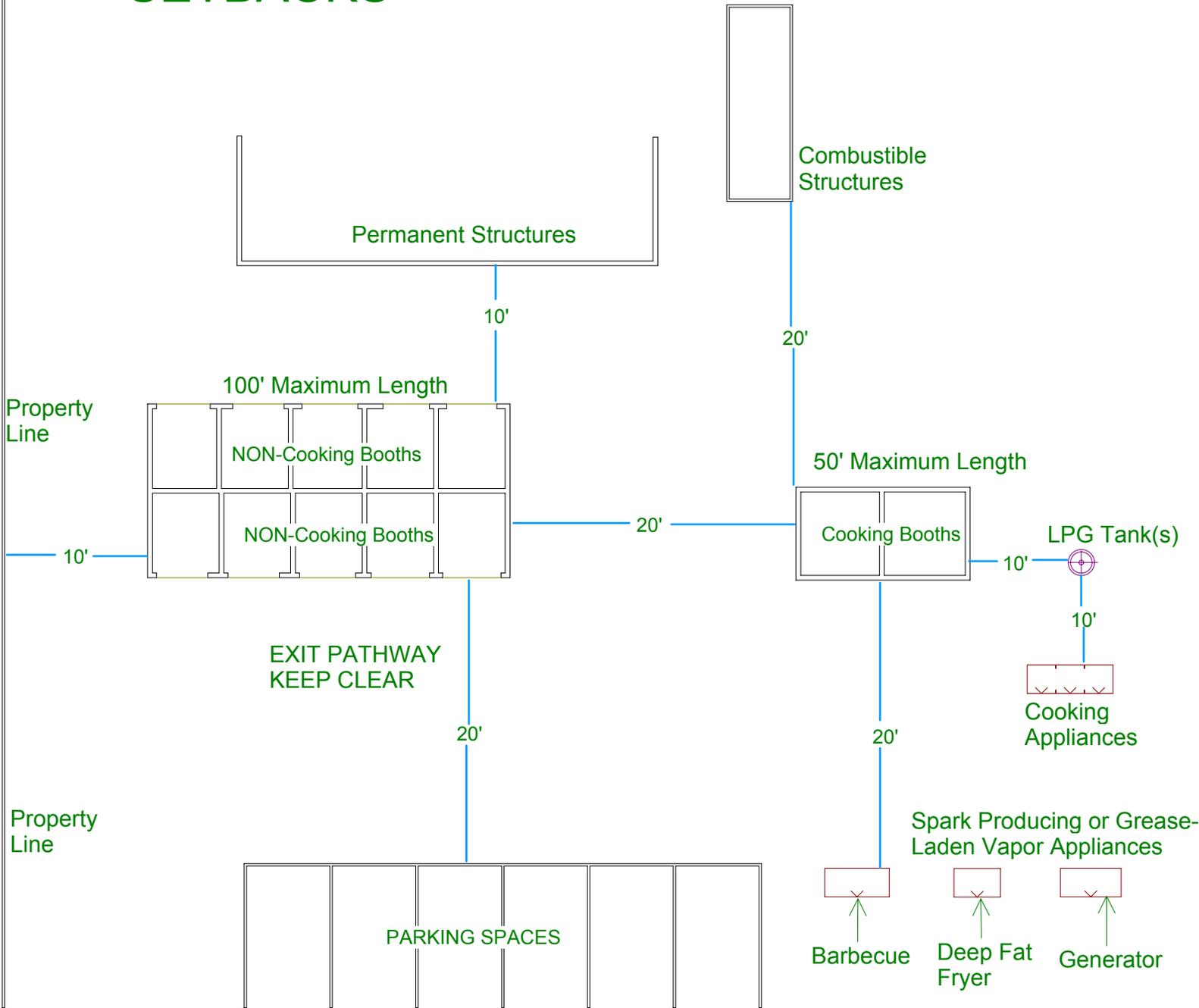
1. Young children should not be allowed in the cooking areas.
2. Do not leave food cooking unattended.
3. Do not wear loose fitting clothes when cooking.
4. Keep combustibles away from heat sources.
5. In case of emergency, remember, dial 911.
6. Know where the fire extinguisher is located, and know how to use it.

TABLE 3211-A — MINIMUM NUMBER OF MEANS OF EGRESS AND MEANS OF EGRESS WIDTHS FROM TEMPORARY MEMBRANE STRUCTURES, TENTS AND CANOPIES¹

OCCUPANT LOAD	MINIMUM NUMBER OF MEANS OF EGRESS	MINIMUM OF EACH MEANS OF EGRESS X 25.4 for mm	
		TENT OR CANOPY	MEMBRANE STRUCTURE
10 to 199	2	72	36
200 to 499	3	72	72
500 to 999	4	96	72
1,000 to 1,999	5	120	96
2,000 to 2,999	6	120	96
Over 3,000	7	120	96

¹The total width of means of egress in inches (mm) shall not be less than the total occupant load served by a means of egress multiplied by 0.2 (5.08). Such widths of means of egress shall be divided approximately equally among the separate means of egress.

FESTIVAL BOOTHS - TENTS AND CANOPY SETBACKS



For illustrative purposes only

NOT TO SCALE