



CARNIVALS, FAIRS, SPECIAL EVENTS **Conditions of Approval**

PURPOSE

To provide Special Events Coordinators and vendors with the necessary information to ensure conformance with local, California Fire Code (CFC) and title 19 of the California Code of Regulations (CCR) requirements. Please contact the Cosumnes Fire Department Prevention Bureau at (916) 405-7100 with any questions about these requirements

POLICY

The required event documentation, completed application, and applicable fees shall be submitted at least 2 weeks prior to the event. Submittals received less than 2 weeks may incur an additional over the counter review fee.

EVENT DOCUMENTATION

Provide a site plan of the event and indicate on the plan the locations and dimensions of the following:

- Public rides (denote electrical or gasoline operated)
- Tent/canopy locations (all temporary membrane structure's locations shall comply with CFC Chapter 31)
- Generators
- Flammable and/or combustible liquid storage
- Fire Department access

A detailed floor plan shall be provided for temporary membrane structures (tents/canopies). It shall indicate details of the means of egress facilities/locations, seating capacity, arrangement of seating and the location and type of heating and electrical equipment. Use of electrical equipment may require an electrical permit. Contact the local Building Department for requirements.

INSPECTIONS

After approval of the event, the Cosumnes Fire Department will conduct an inspection to determine compliance with the approved permit. It shall be the responsibility of the Event Coordinator to ensure that all vendors are aware of these requirements.

Food Booth and Vendor Regulations

Introduction:

Vendors invited to participate in events within the Cosumnes Fire Department district are expected to abide by all fire and life safety regulations as either cited or referenced in CCR Title 19 and the California Fire Code. Listed below are certain minimum fire and life safety requirements, which are common to most events involving food or craft booths.

Prior to the beginning of each event, all vendor booths will be inspected by the Cosumnes Fire Department. Once all applicable fire and life safety requirements, including but not limited to those listed below, are met, an inspection compliance “tag” will be issued to the vendor. The tag must be attached to the booth and displayed in a conspicuous location throughout the event. However, if the inspector determines that the vendor does not comply with minimum fire and life safety requirements, an Event Coordinator will be notified, and the vendor will be asked to correct the problems or discontinue operation.

This standard will apply to individual tents, temporary structures or membrane structures more than 200 square feet in area and canopies more than 400 square feet in area used as outdoor carnival and fair booths.

Note: The event coordinator is responsible for compliance with all regulations.

Definitions:

Tent: A structure, enclosure or shelter, with or without sidewalls or drops, constructed of fabric or pliable material supported in any manner except by air or the contents that it protects.

Food Booth: A food service establishment that operates at a fixed location in conjunction with a single event or celebration.

Vendor Booth: All booths except food service booths.

Tent Locations:

Tents shall **not** be located within 10 feet of:

- Heating equipment
- Cooking equipment

Tents shall **not** be located within 20 feet of

- Generators
- Lot lines, buildings, parked vehicles, engines
- Outdoor cooking producing sparks or grease-laden vapor
- Refueling Operations

Tents shall **not** be located within 50 feet of

- Vegetation
- Combustible Waste Material
- Hay, Straw, and similar combustible materials
- Flammable/ Combustible Liquid Storage

Food Booth Construction and Location

1. All fabrics or membranes covering-food booths larger than 10x10 feet must bear a conspicuous and durable label indicating that the material is flame resistant. Label and wording must be consistent with the requirements of CCR Title 19, Subchapter 2, Sections 332, 334, and 335.
2. Decorative materials must be inherently fire resistive, or must be treated with a fire-retardant paint or spray.
3. Flooring material used within a food booth and under cooking equipment must be non-combustible or fire-retardant treated. All tarps must have the CPAI-84 certification label attached. Untreated plastic tarps will not be accepted.
4. Each food booth must have at least one exit way, minimum 3 feet wide by 6'8" in height (booth frame shall not intersect exit path).
Food booths with cooking appliances must have a minimum clearance of 10 feet on at least two sides with clearance of at least 10 feet from any vendor booth.

Note: For covering, decorative or flooring material listed above, a flame test may be required for non-certified flame retardant or treated materials. A field flame test will require a sample of material measuring 2 inches by 12 inches. EXCEPTION: 3/8" Plywood or similar material.

Heating Equipment

1. All interior heating equipment must be of an approved type and must be a minimum of 18 inches from booth back/side drop materials.
2. Heating equipment shall not be located within 18 inches of exits or combustible materials.
3. Outdoor cooking that produces sparks or grease laden vapors shall not be performed within 10 feet of a tent.
4. Electrical heating equipment shall comply with the California Electrical Code and be UL listed.

Propane

1. The use of PROPANE as a source of fuel for heating is regulated by the National Fire Codes (Standard #58) and the California Fire Code (Chapters 53 and 61)
2. LP-gas equipment such as tanks, piping, hoses, fitting, valves, tubing and other related components shall be approved and in accordance with California Fire Code Chapter 61 and the California Mechanical Code.
3. LP-gas containers shall be located outside. Safety release valves shall be pointed away from the tent, canopy or membrane structure. Containers may NOT be located in approved fire lanes. If containers are located in the fire lane, they will be relocated or the piece of equipment will not be used.

4. Portable LP-gas containers with a maximum capacity of 20 gallons or less shall have a minimum separation between the container and structures of not less than 10 feet.
5. Portable LP-gas containers, piping, valves and fittings which are located outside and are being used to fuel equipment inside a tent, canopy or membrane structure shall be adequately protected to prevent tampering, damage by vehicles or other hazards and shall be located in an approved location.
6. Containers shall be secured in an upright position and must be located at least 5 feet apart from each other.
7. Rubber hoses or metal flexible hoses connecting the tank with the appliance must be approved for propane. The letters "LPG" and the symbol "U/L" on the hose are sufficient evidence of acceptability. "Slip-end" connectors are not allowed; rubber hoses must be fitted with factory-made metal fittings.
8. Cooking appliances must have an on-off valve placed far enough away to be shut off in case of a fire.
9. Shut-off valves must be provided at each fuel source.
10. No storage of extra propane tanks will be allowed in the booth.
11. Tanks not in use must be turned OFF.
12. Unused fuel cylinders shall be stored in a secured position. Unused and empty cylinders must be located 50 feet away from all combustibles.
13. Maximum outside storage is 10 gallons.

Note: Specialized cooking equipment, used outside of the booth may have larger tanks, when approved by the Cosumnes Fire Department.

Vendor Booth Construction and Location

1. Each vendor booth shall have at least one exit, minimum 3 feet wide by 6'8" in height (booth frame shall not intersect exit path).
2. Vendor booths shall have a minimum clearance of 20 feet on at least one side with clearance of at least 10 feet from any cooking booth.
3. A 10-foot wide separation shall be provided for every 20 -lineal foot of vendor booths.

Electrical Power

1. Generators will be placed in locations approved by the Cosumnes Fire Department for festival use.
2. Generators will be located a minimum of 20 feet from tents or canopies and will be isolated from contact with the public by approved means.
3. Refueling of generators is prohibited during event hours. No extra fuel shall be stored during event hours.
4. During approved refueling times, no smoking or open flames are allowed within 25 feet of the generator.
5. Each generator must be provided with a fire extinguisher with a minimum 40B:C rating. The extinguisher shall be located near the generator and accessible at all times.
6. Extension cords will be of grounded type, approved for exterior use and one continuous cord not exceeding 100 feet.
7. Extension cords will not be frayed or worn and will not be laid in any areas with

pedestrian traffic unless they are covered by an approved means determined by the Cosumnes Fire Department.

Frying/Flambé/Open Flame Cooking

1. Cooking with charcoal is prohibited.
2. Frying is defined as any cooking operation or process whereby the product floats or is submerged in hot oil during the cooking process.
3. Frying is prohibited inside booths and must be located 10 feet from both sides and 3 feet from open flame cooking devices.
4. Frying must not be accessible by the general public.
5. Frying equipment must be equipped with a temperature regulating device or other method of regulating temperatures approved by the Cosumnes Fire Department.
6. **Each booth must be equipped with a Class K Type fire extinguisher.**

Fire Extinguishers

1. Each cooking booth must be equipped with a fire extinguisher with a minimum rating of **2A:10B:C. (5 LB dry chemical extinguisher).**
2. For vendor booths, the maximum travel distance to a fire extinguisher with a minimum rating of 2A:10B:C must not exceed 75 feet.
3. Booths that will be frying will require a **Class K Type fire extinguisher.**
4. Fire extinguishers must be visible and accessible.
5. Fire extinguishers must be serviced annually and be tagged accordingly.
6. Each generator must be provided with a fire extinguisher with a minimum 40B:C rating. The extinguisher shall be located near the generator and accessible at all times.



Fire Access

1. Fire Hydrants – Fire Hydrants must not be obstructed 10 feet on either side at any time for any reason.
2. Streets – Parking is limited, therefore, do not leave your vehicle parked where it will block the street in such a manner as to prevent other vehicles from passing.

Fire Safety Tips

1. Know where the nearest fire extinguisher is located and how to use it.
2. DO NOT leave cooking operations unattended.
3. DO NOT wear loose fitting clothing while cooking.
4. Remove trash accumulation regularly.
5. Keep combustibles away from heat sources.


Sample Labels:

 <p>INHERENTLY FLAME RETARDANT</p> <p>— SIZE —</p> <p>SEE REVERSE</p>	FRONT	 <p>THIS ARTICLE MUST BE RETREATED AFTER WASHING OR DRY CLEANING BY SYSTEMS WITH SOAP AND WATER ADDED.</p> <p>— SIZE —</p> <p>SEE REVERSE</p>
<p>INHERENTLY FLAME RETARDANT Supplied by _____</p> <p>Registration No. _____ Date _____</p>	BACK	<p>FLAME RETARDANT Treated by _____</p> <p>Name of Chemical Used _____</p> <p>Registration No. _____ Date of Application _____</p>

ANY OTHER USE IS PROHIBITED
WITHOUT THE EXPRESS WRITTEN
PERMISSION OF THE STATE FIRE
MARSHAL.

Sample Certificate

Certificate of Flame Resistance



REGISTERED FABRIC
OR
CONCERN NUMBER

ISSUED BY _____

Date treated or
manufactured

This is to certify that the materials described on the reverse side hereof have been flame-retardant treated (or are inherently nonflammable).

FOR _____ ADDRESS _____
CITY _____ STATE _____

Certification is hereby made that: (Check "a" or "b")

(a) The articles described on the reverse side of this Certificate have been treated with a flame-retardant chemical approved and registered by the State Fire Marshal and that the application of said chemical was done in conformance with the laws of the State of California and the Rules and Regulations of the State Fire Marshal.

Name of chemical used _____ Chem. Reg. No. _____
Method of application _____

(b) The articles described on the reverse side hereof are made from a flame-resistant fabric or material registered and approved by the State Fire Marshal for such use.

Trade name of flame-resistant fabric or material used _____ Reg. No. _____

The Flame Retardant Process Used _____ Be Removed By Washing

Name of Applicator or Production Superintendent

By _____
Name

Title

FR-3

Occupant Load

Post a maximum occupant load sign for the tent above the main exit. The sign shall state, "OCCUPANT LOAD XXX", with XXX being the floor area (square feet) divided by either 7 sq. ft. or 15 sq. ft. per person, as determined by the CSD Fire Inspector.

Exits

Provide the minimum number of exits as detailed below: (CFC Table 2403.12.2)

Occupant Load	Number of exits	Width of Exit
10--199	2	72 Inches
200--499	3	72 Inches
500--999	4	96 Inches
1000--1999	5	120 Inches
2000-2999	6	120 Inches
Over 3000	7	120 Inches

- Exits shall be spaced at equal intervals around the perimeter of the tent and shall be located such that all points are 100 feet or less from an exit. (CFC 3103.12.1)

- Exit openings shall remain open unless covered by a flame-retardant curtain.
- Exit signs shall be listed and labeled in accordance with UL924 as internally illuminated type and used in accordance with listing or shall be externally illuminated by luminaries supplied by two separate circuits one separate from all other circuits for occupant loads of 300 or less or two separate power sources, one being emergency power for an occupant load of 300 or more. (CFC 3103.12.6.1)

Aisles

- Aisles shall be provided leading to all exits. The minimum width of the aisle(s) shall not be less than the 24 inch minimum for employees and 44 inches for the public. (CFC 3103.12.5)
- There shall be no extension cords crossing aisles at any time. Temporary wiring shall be attached to the structure in an approved manner and not extend across doorways/aisles. (CFC 3103.12.5.1)

Seating/Tables

- Chair Spacing. For rows of seating served by aisles or doorways at both ends, there shall be no more than 100 seats per row and the minimum clear width shall be 22 inches. (CFC 1028.10)
- Greater than 200 loose seats, folding chairs or similar seating facilities that are not fixed to the floor shall be bonded together in-groups of three or more. (CFC 1028.12)
- Rectangular conference or banquet type tables shall be placed not less than 54 inches apart and not less than 36 inches from tent walls. (T19 Sec 3)