

EL DORADO HILLS FIRE DEPARTMENT

FIRE PROTECTION STANDARD



Carnivals, Fairs, and Special Events

STANDARD #16 EFFECTIVE 1-10-2023 REVISED 1-10-2023

SCOPE

The purpose of this standard is to communicate the minimum fire and life safety requirements for special events. It provides the special event coordinator and/or vendor with the necessary information to ensure conformance with local requirements and those of the California Fire Code (CFC). This standard shall apply to:

1. Carnival, fair, circus, outdoor skating/ice rink, outdoor theater, etc.
2. Individual tents with sides ≥ 400 square feet
3. Individual tents open on all sides ≥ 700 square feet
4. Multiple tents ≥ 700 square feet aggregate with or without sides
5. Temporary membrane structure ≥ 400 square feet
6. Outdoor assembly events where expected attendance exceeds 1,000 persons

POLICY

When an applicant proposes a carnival, fair, special event, tent, or use of a temporary membrane structure in the jurisdiction of the El Dorado Hills Fire Department, the applicant must submit the required construction documents for approval prior to the event or use. Plans must be submitted through the plan portal here: <https://edhfire.geocivix.com>. The required construction documentation, application, and fees shall be submitted at least 2 weeks prior to the event. Submittals received less than 2 weeks shall incur an additional expedited plan review fee.

CONSTRUCTION DOCUMENTATION

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

1. Fire Department access.
2. Temporary membrane structure and/or tent/canopy locations. All temporary membrane structure and tent/canopy locations shall comply with CFC Chapter 31.

3. Carnival rides (denote electrical or gasoline operated)
4. Cooking operations
5. Enclosures, barricades, and/or barriers restricting access/egress.
6. Generators
7. Flammable and/or combustible liquid storage

A detailed floor plan shall be provided for temporary membrane structures, tents, and/or canopies. The floor plan shall illustrate the location and width of exits, seating capacity, seating arrangement, and the location and type of heating and electrical equipment. Use of electrical equipment may require an electrical permit. Contact your local Building Department for requirements.

INSPECTIONS

After approval of the plan documents, the El Dorado Hills Fire Department will conduct an inspection to determine compliance with the approved permit. **The El Dorado Hills Fire Department shall be notified not less than 48 hours prior to any fire inspection request.** In the event fire and life safety violations are found, the responsible person will be given one opportunity for compliance. Failure to adhere to these requirements may result in closure of the respective operation. It shall be the responsibility of the event coordinator to ensure vendors are aware of these regulations.

AUTHORITY CITED

1. California Fire Code (CFC)
2. California Code of Regulations, Title 19

Approved By:



Chrishana Fields, Fire Marshal

TENT AND CANOPY CHECKLIST

- ☐ Tent/Canopy location and layout are according to approved plans. Shall not be located within 20 feet of buildings, lot lines or vehicles.
- ☐ Cooking that produces sparks or grease-laden vapors is not less than 20 feet from a tent/canopy.
- ☐ Cooking, heating, and cooling equipment is not less than 10 feet from tents/canopies, exits, aisles, passageways, or combustibles.
- ☐ Combustible vegetation is not less than 30 feet from tent/canopy.
- ☐ Generators are not less than 20 feet from tents/canopies.
- ☐ Tents where cooking is performed are separated from other tents/canopies or structures by not less than 20 feet.
- ☐ Propane tanks are stored not less than 10 feet from tents and/or cooking equipment. Flammable and combustible liquids are stored outside in an approved manner not less than 50 feet from tents or membrane structures.
- ☐ Each section of all tents, canopies or temporary membrane structures has a permanently affixed State Fire Marshal label or meets CPAI-84.
- ☐ Minimum 2A:10B:C fire extinguisher is located at an exit, serviced within the last year, State Fire Marshal tagged, mounted 3 ½-ft to 5-ft, and readily accessible. If flammable/combustible liquids are present, a minimum 2A: 40B:C fire extinguisher is provided. If deep fat frying is present, a minimum K-rated fire extinguisher is provided.
- ☐ An occupant load sign is posted in a conspicuous location where the occupant load exceeds 50.
- ☐ Where tents/canopies are equipped with sides, internally or externally illuminated exit signs are provided.
- ☐ Seating arrangement complies with California Fire Code Chapter 10.
- ☐ Travel distance does not exceed 100 feet to an exit.
- ☐ Compressed gas cylinders including propane, oxygen, helium, or others are stored in an upright position and secured to prevent accidental tipping.
- ☐ Flammable liquid fueled equipment is not used in tent or membrane structures.
- ☐ Physical guards, fencing or enclosure are provided around generators and solid fuel cooking.
- ☐ "No Smoking" signage is provided.

FOOD VENDOR CHECKLIST

- ☐ Minimum 2A:10B:C fire extinguisher is located at an exit, serviced within the last year, State Fire Marshal tagged, mounted 3 ½-ft to 5-ft, and readily accessible. If flammable/combustible liquids are present, a minimum 2A: 40B:C fire extinguisher is provided. If deep fat frying is present, a minimum K-rated fire extinguisher is provided.
- ☐ Each section of all tents, canopies or temporary membrane structures has a permanently affixed State Fire Marshal label or meets CPAI-84.
- ☐ Propane tanks are stored not less than 10 feet from tents and/or cooking equipment.
- ☐ Compressed gas cylinders including propane, oxygen, helium, or others are stored in an upright position and secured to prevent accidental tipping.
- ☐ Kitchen hood fire suppressions systems have been serviced within the last 6 months, where applicable
- ☐ Good housekeeping is maintained.
- ☐ Tripping hazards are minimized.
- ☐ Minimum distance requirements to adjacent tents and structures are provided.
- ☐ An electrical permit for temporary lighting and power, where applicable.
- ☐ "No Smoking" signage is provided.

TENT LOCATIONS

