

Standard #36
Revised September 2005
Revised July 2007
Revised January 2008
Revised September 2011
Revised April 2014
Revised January 2017

FULLERTON FIRE DEPARTMENT FIRE PREVENTION STANDARDS

APPLICATION:

SPECIAL EVENTS, FIESTAS AND/OR CARNIVALS – PLACES OF ASSEMBLY
TENTS AND OTHER MEMBRANE STRUCTURES
LIQUEFIED PETROLEUM GAS - L.P.G. USAGE

JUSTIFICATION:

2016 CALIFORNIA FIRE CODE (CFC), CHAPTERS 1, 31 AND 61

STANDARDS:

- I. **PLACES OF ASSEMBLY – SPECIAL EVENTS, FIESTAS AND/OR CARNIVALS** Chapter 1, Section 105.6.34 and Chapter 24, Section 2403.3 - Permits and Plans to Operate a Place of Assembly. A fire department and/or building department permit, fees and field inspection are required for all special events:
 - A. Special Events on **public property**, contact the Fullerton Engineering Department, 303 W. Commonwealth Ave., Fullerton, CA 92832.(714)738-6845.
 - B. Special Events on **City park property**, contact the Fullerton Parks and Recreation Department, 303 W. Commonwealth Ave., Fullerton, CA 92832, (714)738-6575
 - C. Special Events on **private property**, contact the Fullerton Community Development Services Department, Planning Division, 303 W. Commonwealth Ave., Fullerton, CA 92832, (714)738-6317.
 - D. Special Events on **public school property or St. Jude Hospital**, contact the Fullerton Fire Department, Fire Prevention Division, 312 E. Commonwealth Ave., Fullerton, CA 92832, (714)738-6500.
 - E. PLOT PLAN A plot plan shall be submitted prior to application for a permit showing all fire lanes, aisles, positions of booths, rides, buildings, parking areas, cooking areas, generators, exits, exit pathways and seating arrangements. **All required distances shall be indicated on this plot plan:**

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1. Interior fire lanes shall be 20' wide.
 2. Exterior perimeter access shall be 20' wide.
 3. Unobstructed area to the sides of all elevated rides shall be 20' wide. (See sample plot plans)
 4. Aisles, cross aisles and exiting for seating arrangements as per code.
- F. DECORATIVE MATERIAL All drapes, hangings, curtains, drops and all other interior decorative material shall be approved flame-retardant material. Proof of flame-retardant process shall be provided.
- G. OPEN FLAME No open flame shall be used in place of public assemblage, except for cooking purposes or as approved by the Fire Chief.
- H. STANDBY FIRE PERSONNEL Whenever, in the opinion of the Fire Chief, conditions exist which may warrant standby personnel, the operator shall employ one or more experienced fire personnel at no cost to the Fire Department.
- I. IDENTIFICATION OF EXITS AND FIRE LANES Approved signs and barriers shall be used to identify all exits, exit ways and fire lanes as required.
- J. ELECTRICAL WIRING AND APPLIANCES All electrical wiring and appliances shall comply with NFPA 70. Permits shall be taken out for all electrical work, permanent or temporary, with the Community Development Department, 303 W. Commonwealth, Fullerton, 2nd Floor, prior to any electrical work being done. The electrical work shall be inspected by an inspector from the Community Development Department prior to calling for the Fire Department inspection. A signed final inspection card will be required on site by the Fire Department. (Exception: Public schools submit electrical plans directly to the fire department.)
- K. OCCUPANT LOAD Sign(s) shall be posted as per code.
- L. NOTIFICATION Applicants will notify all other persons using the facilities that they (carnival operators, food concessions, outside vendors, exhibitors, etc.) shall comply with all rules, codes and regulations as set forth.
- II. **TENTS AND OTHER MEMBRANE STRUCTURES.** Permits are required to erect or operate a tent or membrane structure (including air supported structures) covering an area in excess of 400 square feet. A field inspection will be conducted to ensure compliance with the following:

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Exceptions:

1. Tents used exclusively for recreational camping purposes.
2. Tents open on all sides which comply with all the following:
 - 2.1 Individual tents having a maximum size of 700 square feet.
 - 2.2 The aggregate area of multiple tents placed side by side without a fire break clearance of 12 feet, not exceeding 700 square feet.
 - 2.3 A minimum clearance of 12 feet to all structures and other tents.
- A. REQUIRED DISTANCES Tents or membrane structures shall not be located within **20 feet** of any property line, building, membrane structure, other tent, parked vehicle or internal combustion engine. For the purpose of determining required distances, support ropes and guy wires shall be considered as part of the tent or membrane structure.
- B. GUY WIRES, SUPPORT ROPES AND STAKES Shall be properly identified to warn of their position.
- C. GENERATORS And other internal combustion power sources shall be separated from tents or membrane structures by a minimum of **20 feet** and be isolated from contact with the public by fencing, enclosure or other approved means, and be provided with an approved grounding rod.
- D. FLAME RETARDENT MATERIAL Tents, and membrane structures and their appurtenances; sidewalls, drops and tarpaulins; floor coverings, bunting, and combustible decorative materials and effects, including sawdust when used on floors or passageways shall be of flame-retardant material approved by the California State Fire Marshal and be properly marked, or have a proper certificate showing: (a) date of last treatment; (b) type of chemical used; (c) name of firm treating material; and (d) name and address of tent owners. **The certificate(s) of flame resistance shall be presented to the Fire Department prior to the issuance of the fire code permit.**
- E. SMOKING AND OPEN FLAMES Are not permitted in any tent or membrane structure. **No smoking signs shall be conspicuously posted.**
- F. FIRE EXTINGUISHERS Fire extinguishers shall be mounted in an approved manner in every tent and membrane structure as follows:
 1. One 2A 10BC: 200-500 square feet of floor area.
 2. Two 2A 10BC: 501-1000 square feet of floor area.
 3. One 2A 10BC: Each additional 2000 square feet of floor area or fraction thereof.

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4. For vendor booths, the maximum travel distance to a fire extinguisher with a minimum rating of 2A 10BC shall not exceed 75 feet.
 5. Each generator shall be provided with a fire extinguisher rated for the fuel capacity of the generator. The extinguisher shall be located near the generator and accessible at all times.
 6. All extinguishers must comply with California State Fire Marshal regulations.
- G. EXITS Shall be provided per Chapter 24, Table 2403.12.2.
- H. COOKING AND HEATING EQUIPMENT Tents where cooking is performed shall be separated from tents and membrane structures by a minimum of 20 feet. Cooking and heating equipment shall not be located within 10 feet of exits or combustible materials.

III. LIQUEFIED PETROLEUM GAS - L.P. GAS USAGE

- A. LP-gas containers shall be located outside. Safety release valves shall be pointed away from the tent or membrane structure.
- B. LP-gas containers, piping, valves and fittings shall be adequately protected to prevent tampering or damage by vehicles or other hazards, shall be located in an approved location, and shall be secured to prevent tip-over or unauthorized movement.
- C. LP-gas equipment and components shall be approved and in accordance with California Fire Code Chapter 38 and the California Mechanical Code.
- D. Approved 2A 10BC portable extinguishers shall be mounted within the cooking area.
- E. No combustibles within 10 feet of the tank installation.