



GILA RIVER FIRE DEPARTMENT FIRE PREVENTION DIVISION TENT/CANOPY STANDARDS



SECTION 2403 (2403.1-2403.12.8)

- Site plan with exiting and widths of exits ensuring a clear aisle way (egress path to exit)
- Fire Department Access Road shall have an unobstructed width of 20 feet.
- Parked vehicles need to be a minimum of 20 feet away from membrane structure/tent/canopy.
- Support ropes and guy wires are considered as part of the temporary membrane structure, tent or canopy.
- Exit signs, clearly marked are required at all exit doorways with self-luminous type (battery back-up) on separate power sources

EMERGENCY LIGHTING is required to provide:

- **2403.12.7** Means of egress shall be illuminated with light having an intensity of not less than 1 foot-candle (11 lux) at floor level while the structure is occupied. (Also **SECTION 1006**)

SECTION 2404 (2404.1-2404.22)

- Flame resistant treatment and certification – certificate that the tents and membrane structures have been certified by an approved testing laboratory which must match the fabric section on site.
- **2404.3** Permanently affixed label identifying size and fabric or material type. Combustibles such as hay, straw, shavings, etc. shall not be located within the tent or membrane.
- “No smoking” shall be permitted within 20 feet of structure membrane/tent and signs posted, visible
- No open flame, fire, or heat or combustible liquid, charcoal, or other cooking device shall be permitted.
- There should be a minimum clearance of at least 3 feet between the fabric envelope and all contents located inside membrane structures.
- Post portable fire extinguishers, visible and accessible according to Section 906 – maximum travel distance of 75 feet.
- Cooking should be located at least 10 feet away from exits.
- Outdoor cooking that produces sparks or grease-laden vapors shall not be within 20 feet of a tent or membrane of structure.
- LP (liquid propane gas) equipment such as tanks, piping, hoses, fittings, valves, tubing and other related components shall be approved in accordance with Chapter 61 and the IFGC (International Fuel Gas Code).



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- LP-gas tanks shall be placed outside with safety release valves pointed away from the tent/membrane of structure
 - 500 gallons or less = 10 feet away from tent/membrane
- LP gas tanks shall be adequately protected to prevent tampering, damage by vehicles or other hazards and securely fastened in place to prevent unauthorized movement.
- Generators and other internal combustion power sources shall be separated from tents or membrane structure by a minimum of 20 feet and isolated from contact with the public by an approved means.
- Standby personnel/Duties/crowd managers are used because of the type of event, number of people attending event to keep diligent watch for fires during the time such place is open to the public or such activity is being conducted and take prompt measure for extinguishment of fire that occur and assist in evacuation of the public from the structure. (1 crowd manager per 250 people)

Other items:

Evacuation plan