



SOUTH LYON FIRE DEPARTMENT

217 Whipple Street, South Lyon, MI 48178

Phone: 248-437-2616 Fax: 248-437-3025

www.southlyonfire.com

TENT / CANOPY / MEMBRANE STRUCTURE PERMIT APPLICATION

Requirements for Temporary Membrane Structures, Tents and Canopies

A temporary permit is required to: Erect or operate an air-supported temporary membrane structure canopy or tent having an area in excess of 400 square feet, or a canopy in excess of 400 square feet, except for structures used exclusively for camping.

___ Tent (size ___) ___ Canopy (size ___) ___ Membrane/Inflatable Structure

Today's Date: _____ Applicant Name: _____ Applicant Phone: _____

Business / Organization Name: _____

Address: _____

Location for permit use: _____

Date(s) requested for permit use: _____

Start time: _____ End Time: _____

Air-Supported Structure: A structure wherein the shape of the structure is attained by air pressure and occupants of the structure are within the elevated pressure area.

Canopy: A structure, enclosure or shelter constructed of fabric or pliable materials supported by any manner, except by air or the contents it protects, and is open without sidewalls or drops on 75 percent or more of the perimeter.

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

The structure shall be in compliance with Chapter 31 of the 2015 International Fire Code®, including the following items:

1. Gasoline, LP gas, charcoal, candles or other cooking devices or any other unapproved open flame shall not be permitted inside or located within 20 feet of the tent. Tents where cooking is performed shall be separated from other tents by a minimum of 20 feet. A type "K" fire extinguisher shall be provided in accordance with 2015 International Fire Code®.
2. A minimum of two 2A:10BC fire extinguishers are required for 400 - 1000 square feet. Provide one additional fire extinguisher for each 2,000 square feet. A minimum of one 40BC extinguisher shall be provided for each generator or transformer.



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3. "All tents shall be constructed of flame-resistant materials. A certificate executed by an approved testing laboratory shall be submitted to the Fire Code Official, certifying that the tents and membrane structures and their appurtenances; sidewalls, drops and tarpaulins; floor coverings, bunting and combustible decorative materials and effects, including sawdust where used on floors or passageways, are composed of material meeting the flame propagation performance criteria of test methods, as appropriate, of NFPA 701, and that such flame propagation performance criteria are effective for the period specified by the permit". "membrane structures or tents shall have a permanently affixed label bearing the identification of size and fabric or material type".
4. Electrical wiring shall be in conformance with Article 305 of NFPA 70 and the International Fire Code.
5. Exits shall be clearly marked. Exit signs shall be installed at required exit doorways and where otherwise necessary to indicate clearly the direction of egress when the exit serves an occupant load of 50 or more.
6. Exit signs shall be of an approved self-luminous type or shall be internally or externally illuminated by fixtures supplied in the following manner: 1. Two separate circuits, one of which shall be separate from all other circuits, for occupant loads of 300 or less; or 2. Two separate sources of power, one of which shall be an approved emergency system, shall be provided when the occupant load exceeds 300.
7. Means of egress shall be illuminated with light having an intensity of not less than 1 foot candle at floor level while the structure is occupied. Fixtures required for means of egress illumination shall be supplied from a separate circuit or source of power.
8. A detailed site and floor plan for the temporary structure with an occupant load of more than 50 shall be submitted with this application for approval by the Fire Prevention Bureau. The plan shall indicate details of the means of egress facilities, seating capacity, arrangement of seating and location type of heating and electrical equipment. The arrangement of aisles shall be subject to the approval by the fire code official and shall be maintained clear at all times.
9. Upon receipt and approval of the site and floor plan an occupancy load will be issued by the South Lyon Fire Department. The Fire Chief or his designee may request the current occupant load at any time the structure is open to the public. Therefore an accurate head count shall be maintained.
10. Hay, straw, shavings or similar combustible materials shall not be located within any tent, canopy or membrane structure. The areas within and adjacent to the structure shall be maintained clear of all combustible materials that could create a fire hazard within 20 feet of the structure.
11. Smoking shall not be permitted in tents, canopies or membrane structures. "NO SMOKING" signs shall be conspicuously posted.

An electronic copy of the 2015 International Fire Code® is available at www.southlyonfire.com

Applicant's Signature

Date