

City of Lambertville Fire Prevention

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NEW JERSEY UNIFORM FIRE CODE

NEW JERSEY ADMINISTRATIVE CODE TITLE: 5

CHAPTER 70

TYPE 1 PERMIT

NJAC 5:70-2.9(c)1

FEE: **\$42.00**

NJAC 5:70-2.7(a) 3.xv Tent:

The erection, operation or maintenance of any tent, tensioned membrane structure, or canopy, excluding those used for recreational camping purposes, that meets the criteria in (a) 3xvi (1) or (2) below shall require a Type 1 permit. Tents, tensioned membrane structures, or canopies greater than 16,800 square feet in area and greater than 140 feet in any dimension, whether one unit composed of multiple units; remaining in place for more than 180 days; used or occupied between December 1 and March 31; having a permanent anchoring system or foundation; or containing platforms or bleachers greater than 11 feet in height shall be subject to the permitting requirements of the Uniform Construction Code (N.J.A.C. 5:2 2.14)

1. The tent, tensioned membrane structure, or canopy is greater than 900 square feet and more than 30 feet in any dimension whether it is one unit or composed of multiple units, but 16,800 square feet or less in area and 140 feet or less in any dimension, whether it is one unit or composed of multiple units.

2. The tent, tensioned membrane structure, or canopy contains platforms or bleachers 11 feet or less in height.

Name: _____

Address: _____

_____ Phone Number: _____

Tent Location: _____

Date of Use: _____

Is a Cooking operation planned: YES (**SECTION F-2002.0 FIRE SAFETY REQUIREMENTS**) NO

A key plan is required to show location of tent(s).

Tent shall be protected from vehicle impact

After fee is paid and inspection is made by this office, a permit will be issued.

If setup and display are not during normal business hours, additional fees may apply.

Requirements: (Located on pages 2 , 3 & 4)

I hereby acknowledge that I have read attached, and all information given is correct, and I agree to abide by all the requirements.

Signature: _____ Date: _____

Requirements:

1. Tents shall be permitted only on a temporary basis pending Mayor and council approval.
2. All tents shall conform to the requirements of the State of New Jersey Uniform Fire Code Article, N.J.A.C.5:70- 3.2(a) 20 F-2001.0.
3. All tent fabric shall meet the requirements of N.F.P.A. #701 and N.J.A.C. 5:70-3.2(a) 20 F-2001.7. A certificate or exposed label is required to prove same is flame resistant.
4. There shall be a minimum of 10' between stake lines.
5. Adjacent tents shall be sufficient distance from each other to provide an area to be used as a means of emergency egress.
6. A Minimum of one 10-pound ABC dry chemical fire extinguisher is required every 75 feet per tent.
7. Any material used inside the tent must be fire retardant.
8. Smoking shall be prohibited in all tents.
9. Additional applicable requirements noted below

SECTION F-2001.0 GENERAL**F-2001.7**

All membrane or air supported structures shall be constructed of flame reflective materials or materials treated to render the material flame resistant in a manner approved by the fire official. The membrane material shall be either noncombustible as defined in section F-202.0 or flame resistant conforming to NFPA 701 listed in Appendix 3-A, incorporated herein by reference.

F-2001.8

An affidavit or affirmation shall be submitted to the fire official and a copy retained on the premises on which the membrane or air-supported structure is located, attesting to the following information relative to the flame resistance of the fabric:

1. The names and addresses of the owners of the membrane of air supported structure;
2. The date of the fabric was last treated with flame resistant solution;
3. The trade name or kind of chemical used in treatment
4. The name of the person or firm treating the material; and
5. The name of the testing agency and test standard by which the fabric was tested

NFPA 102

8-3.1 All supporting members shall be of sufficient size and strength to support the structure.

8-3.2 The poles and their supporting guys, stays, stakes, and fastenings shall be of sufficient strength and attachment to resist a minimum wind pressure of 20lbf/ft² (0.96kPa) of projected area of the tent.

8-3.3 Tents shall be adequately guyed, supported, and braced to withstand a minimum pressure of suction of 10lbf/ft² (0.48kPa).

8-3.4 Pull-down ropes (Gump ropes) shall be provided on all poles.

SECTION F-2002.0 FIRE SAFETY REQUIREMENTS**F-2002.1 Combustible materials:**

The areas within, and adjacent to the tent or air-supported structure, shall be maintained clear of all combustible materials or vegetation that will create a fire hazard within 20 feet (6096 mm) from the structure. All combustible trash shall be removed at least once a day from the structure during the period the same structure is occupied by the public.

F-2002 .2 Exposed flames:

Gasoline, gas, charcoal or other cooking device or any other unapproved open flame shall not be permitted inside or located within 20 feet (6096 mm) of the tent or air-supported structure.

F-2002.3 Spot lighting:

Spot or effect lighting shall only be by electricity, and all combustible construction located within 6 feet (1829mm) of such equipment shall be protected with approved noncombustible insulation not less than 1 /.inch (6mm) thick.

F-2002.5 Clearance:

There shall be a minimum clearance of at least 3 feet (914 mm) between the fabric envelope and all contents located inside the air-supported structure.

INTERNATIONAL BUILDING CODE 2006

Section 1019.1 Occupant Load

<u>Occupant Load</u>	<u>Minimum Number of Exits</u>
1 – 500	2
500 – 1,000	3
More than 1,000	4

Section 1008.1.8.1 Hardware

Door handles, pulls, latches, and other operation devices on doors required to be accessible by the barrier free subcode (N.J.A.C. 5:23-7) shall not require tight pinching or twisting of the wrist to operate.

Section 1008.1.8.2 Hardware Height

Door handles, pulls, latches, locks and other operation devices shall be installed 34 inches (864 mm) minimum and 48 inches (1219 mm) maximum above the finished floor. locks used only for security purposes and not used for normal operation are permitted at any height.

Section 1008.1.9 Panic and Fire Exit Hardware

Where panic and fire exit hardware is installed, it shall comply with the following:

1. The actuating portion of the releasing device shall extend at least one-half of the door leaf width.
2. The maximum unlatching force shall not exceed 15pounds.

Each door in a means of egress from a Group A or E occupancy having an occupant load of 50 or more and any Group H occupancy shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware.

Section 1011.1 Exit Signs

Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. Access to exits shall be marked by readily visible exit signs in cases where the exit or the path of egress travel is not immediately visible to the occupants. Exit sign placement shall be such that no point in a corridor is more than 100 feet (30480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign.

1. Exit signs are not required in rooms or areas that require only one exit or exit access.

Section 1011.4 internally illuminated exit signs internally illuminated exit signs shall be listed and labeled and shall be installed in accordance with the manufacturer's instructions and Section 2702. Exit signs shall be illuminated at all times.

Section 1011.5.3 Power source

Exit signs shall be illuminated at all times. To ensure continued illumination for duration of not less than 90 minutes in case of primary power loss, the sign illumination means shall be connected to an emergency power system provided from storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section 2702.

Section 1006 Means of Egress Illumination

1006.1 Illumination required

The means of egress, including the exit discharge, shall be illuminated at all times the building space served by the means of egress is occupied.

Section 1006.2 Illumination level

The means of egress illumination level shall not be less than 1 foot-candle (11 lux) at the walking surface level.

Section 1006.3 Illumination emergency power

The power supply for means of egress illumination shall normally be provided by the premises' electrical supply. The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with section 2702.

Section 1006.4 Performance of system.

Emergency lighting facilities shall be arranged to provide initial illumination that is at least an average of 1 foot-candle (11 lux) and a minimum at any point of 0.1 foot-candle (1 lux) measured along the path of egress at floor level. Illumination levels shall be permitted to decline to 0.6 foot-candle (6 lux) average and a minimum at any point of 0.06 foot candle (0.6 lux) at the end of the emergency lighting time duration. A maximum-to-minimum illumination uniformity ratio of 40 to 1 shall not be exceeded.