



TOLEDO FIRE & RESCUE DEPARTMENT

FIRE PREVENTION BUREAU

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GENERAL PERMIT INFORMATION FOR MEMBRANES STRUCTURES (IGLOOS)

All applications, site plans and relevant information for membrane structures (Igloos) shall be submitted to the Fire Prevention Bureau.

1. **Before** any application is reviewed, the flame propagation performance treatment documentation or certification shall be filed with the fire code official (City of Toledo Fire Prevention Bureau (FPB)). The test must be from an approved testing laboratory certifying passing Test Method 1 or Test Method 2 ascertaining to NFPA 701.

2. **Before** allowing membrane structure(s) (IGLOOs) to be occupied, proof of the flame propagation performance treatment documentation or certification must be kept on the premise and available upon request by a Fire Safety Inspector, if not affixed to membrane structure or filed with the FPB.

3. **Keep in mind** a Fire Safety Inspector has the right to inspect each igloo and may require removal based on Fire Code Violations and or failure to provide a passing Flame Propagation Performance Test ascertaining to NFPA 701.

1) An application and permit is not required for a single membrane type structure (Igloo) not exceeding 400 square feet or multiple membrane type structure (IGLOO) set-up as a group or groups not exceeding an aggregate of 400 square feet.

2.) An application and permit is required for a single membrane dome type structure (IGLOO) exceeding 400 square feet or multiple dome type membrane structures (Igloos) set-up as a group or groups exceeding an aggregate of 400 square feet.

- The square footage of multiple individual Igloos not separated by 12 ft must be aggregated.
- Multiple igloos in a group or a single igloo in excess of an aggregate 400 SF shall be separated by 20 feet from each other.
- Multiple igloos in a group or a single igloo in excess of an aggregate 400 SF shall be separated by 20 feet from buildings, lot lines, parked vehicles, or internal combustion engines.
- Igloos in excess of 400 sq ft need not be separated from buildings, upon completion of an engineering analysis by a design professional, and all conditions are met, as set forth in the Toledo Fire Prevention Bureau separation policy.

3.) Along with the Application, a Site Plan and relevant information shall be submitted including the following:

- Igloo arrangement, distance separation of igloo-to-igloo or groups of igloos, distance from building, streets, and lot lines. (OFC 3103.8.2)
- Minimum 4 ft. of clear space from a marked building exit to the public way. (OFC 1028.2)
- Minimum 3 ft. of clear space from an FDC. (OFC 912.4.2)
- Minimum 3 ft. of clear space from a hydrant. (OFC 507.5.5)
- Direction of exit from an Igloo.
- Heating type and location (electric w/tip over safety switch is preferred). Portable unvented fuel-fired heaters are prohibited in Group A occupancies (OFC 603.4). Fire Code Officials are authorized to order removal of fuel-fired heaters. (OFC 603.8).
- Fire extinguisher location. (OFC 3104.2, OFC 906.1)
- No smoking signs (OFC 3104.8, OFC 310.3)
- Anchoring to manufactures requirements.
- Flammability testing documentation (certificate, brand name with model and lot numbers). (OFC 3104.4)
- Multi-plug adapters (power strips) are required and shall be of the polarized or grounded type, equipped with over current protection. (OFC605.41)

Thank-you



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Fire Prevention Bureau

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