



## **SWIMMING POOLS**

01. Definition:

As used in this chapter, the term "Swimming Pool" shall include any enclosure above or below grade having a water depth greater than 18 inches, and having a water surface area in excess of 100 square feet, which shall be used or designed for swimming or wading purposes by anyone.

02. Building Permit Required

(a) a building permit shall be obtained prior to excavation, erection, or any phase of pool construction.

(b) The application for permit shall include:

(1) Type and size of pool

(2) Site plan shall provide: Location of pool, location of house, garage, fencing, and other improvements on the lot. Also the location of filter unit, pump, and wiring indicating the type of such units; location of back-flush and drainage outlet; elevations and final treatments or finishes around the pool. Also the location of overhead or underground wiring, utility easements, trees or other features or heating unit shall be specified.

03. Enclosure Fence

All pools to be constructed or already constructed shall be completely surrounded by a fence or wall of not less than four (4) feet nor more than six (6) feet in height. The fence shall be of a type not readily climbed by children. A dwelling house or accessory building may constitute part of the enclosure. An above ground pool with a side wall height of four (4) feet or greater does not require a fence. All gates or openings shall be self-closing and have a self-latching device for security. Pool gates shall have locking devices for off-season or non use.

04. Life-Saving and Emergency Equipment

(a) One ring buoy not more than 15 inches in diameter with a 3/16 inch rope attached; said rope shall be equal to the greater dimension of the pool.

(b) One life pole, or shepherds' crook type pole, at least 10 feet long with blunt ends.

05. Above Ground Pools

Shall be protected in such a way that access or entry to the pool can be secured when not in use.

06. City Water Supply

There will be no cross-connections of the City water supply with any other source of water supply for the pool. The line from the City water supply to the pool shall be protected against backflow of polluted water by means of either an air gap, vacuum breaker or other adequate device to prevent back siphonage.

07. Outdoor Pool Enclosures:

Outdoor pool enclosures, permanent or inflated shall not exceed 18 vertical feet above the pool deck and shall conform to the Uniform Fire Code.

08. Setback Requirements:  
Pools or their outer most appurtenances shall not be located within 10 feet of any side or rear lot line nor within six (6) feet of any principal structure or frost footing. Pools shall not be located within any front yard.
09. Lighting, Ventilation, and Electrical:  
When underwater lighting is used, such lights will be spaced to provide illumination so that all portions of the pool and pool bottom may be readily seen without glare. All electrical wiring shall conform to the National Electrical Code of the National Fire Protection Association and shall be approved by the State Electrical Inspector, with particular reference to Article 680-20 (National Electrical Codes).
10. Overhead Wiring Clearance:  
Any overhead wiring shall not be installed above the swimming pool or surrounding area extending 10 feet horizontally from the pool edge, or diving structure, observation stands, towers or platforms.
11. Pool Filters:  
Every pool shall be equipped with a recirculating system capable of filtering the entire contents of the pool in twelve (12) hours or less.
- (1) Filters shall be capable of maintaining the clarity of the water through an eight (8) foot depth.
  - (2) Filter capacity shall be such that it need not be cleaned more frequently than once every four days under proper conditions of water and operation.
  - (3) All filters shall be equipped with at least one pressure vacuum or compound gauge which shall be positioned in such a way as to determine the differential across the filter and the need for cleaning.
  - (4) All pressure filter systems shall be equipped with an air release at the high point in the system.
  - (5) Operating instructions shall be posted on every filter system. All valves shall be properly designated indicating their purpose.
  - (6) When dissimilar metals are used in the construction of the filter, which set up galvanic currents, then suitable provision shall be made to resist electrolytic corrosion.
  - (7) Filters shall be so designed and installed that they can be readily disassembled and the filter elements removed.
12. Disinfection and Conditioning:  
Suitable methods shall be available to maintain a PH of the pool water between 7.2 and 8.2 and to maintain an alkalinity of not less than 50 ppm.
- The devices used to apply chlorine or its equivalent as a disinfectant shall be of such capacity as to maintain in all areas of the swimming pool at all times at least 0.5 ppm or free available residual chlorine or a level of another approved disinfectant which shall be of at least a proven equivalent disinfecting strength as 0.5 ppm. of free available residual chlorine.
13. Modifications:
- A. The City Council may make modifications in individual cases, upon showing of good cause, with respect to height, nature, or location of the fence or wall, gates, latches, or the necessity therefore, provided the degree protection is not reduced thereby.
  - B. Upon the application of a property owner, the Council may grant extension of time for compliance in individual cases, upon the showing of good cause, such extensions of time shall not exceed thirty (30) days at a time.

14. Revocation of a Permit:

The Building Inspector may revoke a permit for failure to comply with the regulations of the ordinance.

Before a permit is revoked, the pool owner shall have notice in writing listing the failure or failures to comply with the ordinance.

The permit shall be reissued upon proper application and upon proof that the deficiencies causing revocation have been corrected.

15. "Public Pools"

All pools used for any purpose other than private dwellings shall first have plans and specifications approved by the Minnesota State Board of Health, and subsequently by the Building Official.