

2. Between 1:00 a.m. and 12:00 noon, on Sundays.

## **SECTION 414.01. SWIMMING POOLS.**

**Subd. 1. Definition.** For purposes of this Section a swimming pool is defined as any structure, basin, chamber or tank containing an artificial body of water for swimming, diving or recreational bathing and having a depth of more than 24 inches at any point and a surface area exceeding 150 square feet.

### **Subd. 2. Fencing Required Around Outdoor Residential Swimming Pools.**

- A. All outdoor swimming pools existing and hereafter constructed shall be completely enclosed by a security fence or wall at least four, but not more than six, feet high and located at least four feet from the edge of the pool. The bottom of the fence or wall shall be no higher than four inches above the surface of the ground. Fence openings or points of entry to the pool area shall be equipped with self-closing and self-latching lockable gates.
- B. The enclosure for outdoor swimming pools may utilize a wall or walls of a house or building as a part thereof provided the wall or walls are at least six feet high and the enclosure is completed by a fence or wall conforming to the provisions of subparagraph A hereof.
- C. This Subdivision and the fencing requirements contained herein do not apply to: (1) above-ground outdoor swimming pools having at least four foot high, vertical or outward inclined sidewalls, provided sole access is by means of a removable ladder, ramp, or stairs which must be removed when the pool is not in use; (2) swimming pools which are wholly enclosed within a building or structure.

### **Subd. 3. Electrical Requirements.**

- A. All electrical installations provided for, installed and used in conjunction with residential swimming pools shall be in conformance with this code.
- B. No electrical conductors carrying current shall cross residential swimming pools, or be installed underground within 15 feet of such pools.
- C. All metal fences, enclosures, or railings near or adjacent to residential swimming pools, which might become electrically alive as a result of contact with broken overhead conductors, or from any other cause, shall be effectively grounded.
- D. Lighting for the pool shall be directed toward the pool and not toward adjacent property.

**Subd. 4. Location.** No portion of a swimming pool or appurtenances thereto shall be located at a distance less than 10 feet from any side or rear property line, nor in front of the building line, nor in a location that does not conform with applicable setback standards, whichever is more restrictive.

**Subd. 5. Heaters.** Electric, oil burning or gas fired heaters and heating equipment shall be underwriter's laboratory (UL) approved and must be installed pursuant to the manufacturer's installation instructions.

**Subd. 6. Water Supply.** Water supplies serving swimming pools shall be of a safe, sanitary quality. The installation of the pool water, supply piping and connection to the source of the supply shall be under the supervision of a licensed plumber. Disposal of water from swimming pools shall take place in accordance with applicable law.

**Subd. 7. Chemical Treatment.** Gaseous chlorination systems may not be used as a disinfection method of pool water. Residential swimming pools shall meet the following standards:

- A. Free chlorine. A free chlorine content shall be maintained between five-tenths and one parts per million. (High-free residual chlorine may be used.)
- B. Alkalinity. A pH level of between seven and one-tenth and seven and eight-tenths shall be maintained. (A higher pH is permitted if high-free residual chlorination is used.)
- C. Bacteriological quality. A sample of swimming pool water shall be considered satisfactory when the total bacteria count at 35 degrees centigrade does not exceed 200 colonies per milliliter and no organism of the E. coli group are present in a 10 milliliter portion or 100 milliliter portion as determined by the membrane filter method. If more than one such sample out of seven collected on different dates is unsatisfactory, the bacterial quality of the pool water will be considered unsatisfactory. Procedures and interpretations relating to bacteriological quality shall be done in accordance with the Standard Methods for the Examination of Water, Sewage and Industrial Waste, 11<sup>th</sup> Edition (1960).

**Subd. 8. Operation.** The pumps, filter, disinfectant and chemical feeders and related appurtenances shall be kept in operation at all times the swimming pool is in use and for such additional periods as needed to keep the pool water clear and of satisfactory bacterial quality.

**Subd. 9. Inspection.** The Building Official and a representative of the Water, Light and Power Commission are authorized to conduct inspections of swimming pools as they deem necessary to insure compliance with all provisions of this Section.

**Subd. 10. Public Swimming Pools.** All public swimming pools within the City shall comply with the Minnesota Pool Code pursuant to Minnesota Rules, Parts 4717.0150 to 4717.3975.

## **SECTION 415.01. FIRE CODE AND OTHER FIRE REGULATIONS.**

**Subd. 1. Adoption.** The Minnesota State Fire Code, hereinafter "MSFC," as adopted pursuant to Minnesota Statutes Chapter 299F.011, including all amendments, rules and regulations established, adopted and published from time to time by the Minnesota Commissioner of Public Safety, through the Fire Marshall Division, is hereby adopted by