

4717.3950 WAVE POOLS.

Subpart 1. **Applicability.** Wave pools must comply with parts 4717.0150 to 4717.3975, except as modified in this part.

Subp. 2. **Lifeguard required.** When the wave pool is in use:

A. the minimum number of lifeguards who must be continuously present must be one for every 2,000 square feet of pool surface water where the pool depth is greater than two feet; and

B. where the design, configuration, or operation requires additional lifeguards to provide complete observation of the entire pool they must be provided in addition to those required in item A.

Subp. 3. **Water depth.** Water depth may reduce to zero at the shallow end of the pool to allow for dissipation of the waves.

Subp. 4. **Access barriers.** In addition to the fencing required in part 4717.1550, a safety barrier of stanchions and ropes or a similar barrier at least 42 inches high must be located to prevent pool patrons from entering the pool at any location other than at the zero water depth end. The barrier must have at least one intermediate height rope.

Subp. 5. **Emergency shut off.** An emergency shut off for wave generation must be provided at every lifeguard chair or station.

Subp. 6. **Wave strength.** The wave generating equipment must not be capable of producing waves that could cause pool users to have contact with the pool bottom in a manner which may cause injury.

Subp. 7. **Overflow gutters.** Overflow gutters may be omitted along the side of a pool with the wave generating equipment.

A. If overflow gutters are not provided on the pool side where the wave generating equipment is located, effective skimming devices are required and must be designed and maintained to function continuously during all periods when waves are not generated.

B. Overflow gutters are required on the sides of the pool where the wave generating equipment is not installed.

C. A gutter is required along the zero depth end of the pool.

Subp. 8. **Decks.** Deck areas accessible to pool users may be omitted along the side of the pool with the wave generating equipment.

Subp. 9. **Recirculation system.** The recirculation system must operate at a rate equivalent to recirculating the total volume of water in the pool in four hours or less. A system of bottom inlets must be provided in the shallow end.

Statutory Authority: *MS s 144.05; 144.12; 144.123; 145A.02; 157.01*

History: *19 SR 1419; 19 SR 1637*

Published Electronically: *May 11, 2009*