

4717.3450 LIGHTING, VENTILATION, AND ELECTRICAL REQUIREMENTS.

Subpart 1. **Lighting.** Lighting must meet the criteria in this part.

A. When underwater lighting is used, not less than 0.5 watts shall be employed per square foot of pool water surface area.

B. Light must be located to provide illumination so all portions of the pool, including the bottom, may be seen without glare.

C. Area lighting must provide at least ten footcandles of illumination at all locations on the pool surface and on any deck within five feet of the pool whenever the pool is in use.

D. A pool used for education, training, or competition must have at least 30 footcandles of illumination on the pool surface and on any deck within five feet of the pool.

E. Security lighting, when provided, must illuminate the entire pool area to make it readily visible.

Subp. 2. **Ventilation.** All indoor pools, dressing rooms, shower rooms, and toilet space must be ventilated by mechanical means.

A. Pool equipment rooms must have natural or mechanical ventilation.

B. For new installations, ventilation must comply with the Minnesota Building Code.

C. Gas chlorine rooms must have mechanical ventilation as specified in part 4717.2630, subpart 2.

Subp. 3. **Electrical.** All electrical installations must conform with the standards of the Board of Electricity effective at the time of installation.

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

History: *19 SR 1419; 19 SR 1637*

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