

Mod 7259 Comments – Bob Vincent

Mod # 7259- Comments & Please see attached added sentence to the A1 passed by the TAC.

The calculation for a minimum pool water volume will be deleted from code per the TAC's approval of Alternative 1 by a 6-2 vote; and this water volume is critical for the sanitary water quality of pools serving commercial and multi-unit shared residential properties.

Without a volume requirement in the code; a hotel, apartment, or subdivision pool or spa would be unacceptably small to retain a sufficient quantity of chlorine or bromine that assures the water is not depleted during high demand periods.

The A1 mod does not account for the water volume and these facilities could be designed extremely small for their potential usage.

The A1 mod will also accumulate all the pool water volumes from all pools on a property without regard for individual sizing.

The bathing load for conventional swimming pools, wading pools, interactive water features, water activity pools ~~less than 24 inches (610 mm) deep~~ and special purpose pools shall be computed either on the basis of one person per 5 gpm (0.32 L/s) of recirculation flow, or one person per each 20 square feet (0.9 m²) of surface area, whichever is less. The bathing load for spa type pools shall be based on one person per each 10 square feet (0.9 m²) of surface area. ~~The filtration system for swimming pools shall be capable of meeting all other requirements of these rules while providing a flow rate of at least 1 gpm (0.06 L/s) for each living unit at transient facilities and 3/4 gpm (0.04 L/s) at nontransient facilities.~~ The pools provided at a transient facility shall be able to accommodate one bather per five living units, while the bathing load at a non-transient facility shall be at least one bather per seven living units. Recreational vehicle sites, campsites and boat slips designated for live-aboards shall be considered a transient living unit. For properties with multiple pools, this requirement includes the cumulative total gpm bathing load of all swimming pools, ~~excluding~~ spas, wading pools and interactive water features. All other types of projects shall be sized according to the anticipated bathing load and proposed uses. ~~For the purpose of determining minimum pool size only, the pool turnover period used cannot be less than 3 hours.~~

Minimum cumulative total pool water volume at a property in gallons shall be 180 minutes of flow multiplied by the assigned bathing load multiplied by 5 gpm.