

Swimming Pools, Spas, Hot Tubs, Fountains, and Similar Installations

INTRODUCTION TO ARTICLE 680—SWIMMING POOLS, SPAS, HOT TUBS, FOUNTAINS, AND SIMILAR INSTALLATIONS

The requirements contained in Article 680 apply to the installation of electric wiring and equipment for swimming pools, hot tubs, spas, fountains, and hydromassage bathtubs. The overriding concern of Article 680 is to keep people and electricity separated.

PART I. GENERAL REQUIREMENTS FOR POOLS, SPAS, HOT TUBS, AND FOUNTAINS

Author's Comment: The requirements contained in Part I of Article 680 apply to permanently installed pools [680.20], storable pools [680.30], outdoor spas and hot tubs [680.42], and fountains [680.50].

680.1 Scope. The requirements contained in Article 680 apply to the installation of electric wiring and equipment for swimming pools, hot tubs, spas, fountains, and hydromassage bathtubs.

680.2 Definitions.

Forming Shell. A structure mounted in the wall of permanently installed pools, storable pools, outdoor spas, outdoor hot tubs, or fountains designed to support a wet-niche luminaire.

Fountain. An ornamental pool, display pool, or reflection pool.

Hydromassage Bathtub. A permanently installed bathtub with a recirculating piping system designed to accept, circulate, and discharge water after each use.

Maximum Water Level. The highest level that water reaches before it spills out. **Figure 680-1**

Permanently Installed Swimming, Wading, Immersion, and Therapeutic Pools. Those constructed in the ground or partially in the ground, and all others capable of holding water in a depth greater than 42 in., and all pools installed inside of a building, regardless of water depth, whether or not served by electrical circuits of any nature.

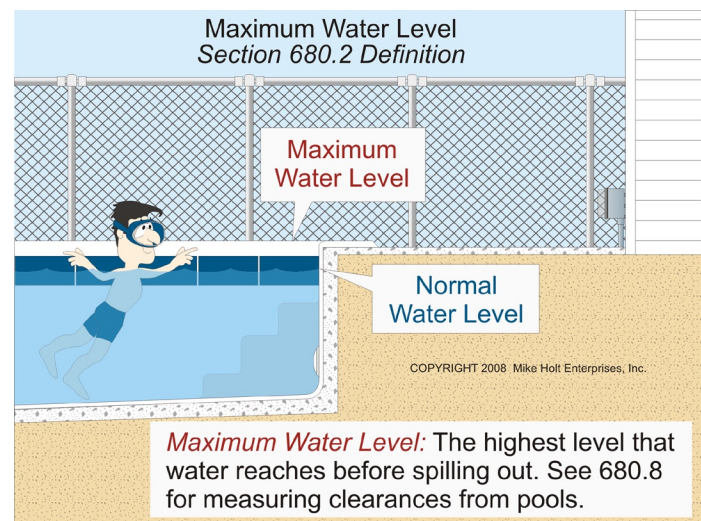


Figure 680-1

Author's Comment: The definition of a pool includes Baptisteries (immersion pools), which must comply with the requirements of Article 680.

Pool. Manufactured or field-constructed equipment designed to contain water on a permanent or semipermanent basis and used for swimming, wading, immersion, or other purposes.

Spa or Hot Tub. A hydromassage pool or tub designed for recreational use typically not drained after each use.

Storable Swimming Pool. An aboveground pool with a maximum water depth of 42 in. **Figure 680-2**