

## ELECTRICAL REQUIREMENT FOR POOLS

This is a list of the **common code requirements** to help in the planning of your pool project. It does not cover all installations.

### Non-conductive pool shell (liner pool)

- 1) #8 solid bare copper wire from pool pump and follow the entire perimeter/shape of the pool and connecting back to itself and the pump. This wire shall also connect to any metal parts of the pool within 5' and the pool frame if it is metal. It shall also connect to a water bond system, most pool companies have these. All connections shall be corrosion resistant, copper, stainless steel, or brass.
- 2) #8 Solid bare copper wire shall be 18"-24" from edge of pool and 4"-6" deep.
- 3) The pool pump shall be GFCI protected, this can be done with a breaker or receptacle.
- 4) The wiring to the pool pump shall have an insulated equipment ground and be in a raceway from the house to the receptacle
- 5) The cover for the receptacle shall be extra duty in use type.
- 6) The receptacle shall be tamper resistant and weather resistant.
- 7) The receptacle shall be located no closer than 6' from the pool
- 8) A general use gfcI protected receptacle is required within 20' of the pool, the receptacle for the pool pump will qualify if it is a standard 120v receptacle

For further questions, please contact the Electrical Division at 616-949-3765:

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