



## MEMO

Memo To: Electrical Contractor / Owner

Memo From: Tim Zelonis  
Electrical Inspector

Subject: Basic minimum electrical requirements / pool permits

### Swimming Pools:

- A. Bonding Conductor shall consist of #8 solid copper or larger.
- B. Bonding Conductor shall be installed in a continuous run attached at four corners plus at least (2) two attachments on the length of pool walls and (1) one attachment on the width of pool walls.
- C. Bonding parts shall be installed in accordance with 680-22(A) 1-6 and (B) 1-3.
  1. Ladders - diving boards - light shells - motors, etc.
- D. Above ground pools round or oval shall be bonded at intervals of not more than (12) twelve feet - and shall be in accordance with 680-22(A)1-6 and (B) 1-3.
- E. Bonding conductor shall be connected to the equipment grounding conductor sized no smaller than #12. And an insulated copper conductor generally located within the pump outlet box.
- F. Power supplies shall be installed with circuit conductors in RMC-IMC or RNMC of not less than #12. A single GFCI protected twist lock receptacle and pump cord not to exceed (3) three feet in length. To be located minimum of (5") five feet from waters edge.
- G. At least (1) one 125V convenience receptacle shall be located a minimum, of (10) ten feet and not more than (20') from the water's edge. GFCI protected.
- H. Conduits may make transition to Romex or other cables upon the entrance to the interior of a building.
- I. Bonding inspections and underground conduit inspections shall be make prior to back fill stage.