

Self-Assessment: Swimming Pool Electrical Safety

1. Explain the difference between bonding and grounding.
2. GFCI devices will de-energize a circuit when the current to ground is _____ mA or higher but not when less than _____ mA.
3. How can you test/verify that pool equipment (pump, heater, handrail, etc.) is properly bonded?
4. The equipotential bonding required by Section 680.26 of the NEC shall be installed to reduce _____ gradients in the pool area.
5. UL Standard _____ covers Swimming Pool Pumps, Filters, and Chlorinators.
6. How can you test/verify that a GFCI is functioning properly?
7. What should you do if you come across a 120V pool light that does not have GFCI protection?
8. UL Standard _____ covers Underwater Luminaires and Submersible Junction Boxes.