

Inspection Services Director  
**Thomas J. Waters, CBO, CFM**

Chief Building Inspector  
**Don Marshall**

Chief Mechanical Inspector  
**Tim Jordan**



Engineering Manager –  
Development/Inspections  
**Matthew Barclift, P.E., CFM**

Chief Electrical Inspector  
**Ken Eddins**

Chief Plumbing Inspector  
**Paul Antoine**

## **MOBILE COUNTY PUBLIC WORKS**

**Richard A. Mitchell, P.E.**  
Public Works Director

## **MOBILE COUNTY PUBLIC WORKS**

### **ELECTRICAL REQUIREMENTS FOR RESIDENTIAL VINYL LINED SWIMMING POOLS**

#### **Pool Bonding Inspection**

1. All sections of the metal coping of the pool must be bonded together. Either by an approved bonding jumper or by attaching each section to a #8 bare copper conductor using an approved bonding terminal with a “true” stainless steel screw. (Magnets do not attach to “true” stainless steel).

2. A #8 bare copper conductor must be connected from the coping to all metal associated with the pool i.e., ladder, diving board, hand rails, luminaires, pool slide, and any other metal such as screened rooms with metal framing and/or fences located with 5 feet of the pool.

#### **All Connections Must Be Visible At Time Of The Inspection**

3. The #8 bare copper must then be connected to all motor housings, pool equipment control cabinets, heater housing, and “ozonators”.

#### **Pool Final Inspection**

1. GFCI protection for all 15a and 20a pump motors.
2. At least one GFCI protected receptacle within 20 feet and not closer than 6 feet. The receptacle may require an in-use cover.
3. All circuit breakers identified.
4. Electrical wiring method for swimming pools shall require that an insulated equipment grounding conductor be included in the feeder to the pool panel board and any panels, equipment, luminaires, and devices connected to the panel board.