

BONDING OF METAL PARTS OF A POOL

1. All metal parts of a pool **shall** be bonded together using a #8 bare copper conductor (Ladder cups, diving board jig, wall bracing coping, hand rail slides and wire mesh).
2. Start at the pump and go to the metal wall or coping with a #8 bare copper conductor. This wire **can have no** splices in it.
3. Wire mesh **must** go around entire pool and extend 36" out of from the pools edge. The wire mesh is the bonded in four (4) different places to the bond grid with a #8 bare copper wire. All wire mesh **must** be tied together with metal ties. **Note:** The electrician normally leaves four (4) copper tails about two (2) feet long around the pool with split bolts on them and then the concrete contractor hooks them up to the mesh (See instructions).
4. For above ground pools you will need a water bonding kit and use a # 8 bare copper conductor to attach to bond grid. **Note:** Some pool companies have an inline water bond connector.