

INSPECTION REQUIREMENTS FOR SWIMMING POOLS

(KEEP THIS FORM UNTIL YOUR FINAL BUILDING INSPECTION IS APPROVED)

1. **Placement inspection – prior to issuance of permit. See application for details.**
2. **Electrical inspection(s) See information below for details. (not a complete list)**
3. **Building inspection (s) After the electrical inspection(s) is approved, an inspection must be completed and approved by the building inspector.**

ABOVE GROUND POOLS *refer to code book for complete list (references at bottom of page):

This type of pool requires only a single visit by the electrical inspector. Electrical inspections are only done on specific days. (Currently Monday, Wednesday and Fridays and only in the morning.) An adult must be present for the electrical inspection. The following conditions must exist for a successful inspection:

1. The trench is open for the entire length to determine if the proper amount of cover will be provided, the proper connectors were used and that no unapproved fittings were installed.
2. All bonding connections are visible and identified and the bonding cable is open for its entire length.
3. The pump motor is available in the open to determine if it is LISTED for its use.
4. A junction box cover is removed so that the conductors can be inspected for type and size
5. The service panel is accessible to determine if the proper type and size of overcurrent device (circuit breaker) has been installed for each circuit(s).
6. The GFCI protected receptacle is energized and can be tested.

IN GROUND POOLS:

This type of pool requires a minimum of two inspections (rough and final) but may require a second rough for a total of three inspections depending on the construction methods. The following are items which may be inspected:

1. All of the items listed for above ground pools.
2. Reinforcing steel rod (rerod) installation, including all ties.
3. All underground bonding of metal objects such as ladders, lighting fixtures, etc.
4. Above and below ground sections of deck junction boxes.
5. All potting for wet niche fixtures and underwater junction boxes. Only compounds which are LISTED will be approved for this use. Evidence of LISTING must be available on the job site.

POOL SAFETY INFORMATION:

In an effort to minimize the dangers that come with owning a pool, the building code has many specific requirements for pool safety. All pools, hot tubs or spas that contain water over 24 inches deep must have safety barriers to prevent entry by unsupervised children.

- The top of any pool fence must be at least 48 inches above the ground on the side away from the pool. The space between the bottom of the fence (or gate) and the ground cannot be more than 2 inches.
- Openings in the fence cannot allow passage of a 4 inch sphere and the design must be such that the fence cannot be climbed (see Appendix G, MI 2009 Residential Code for more details).
- All access gates must be self-closing and self-latching and must swing outward, away from the pool. The latch release can be no less than 54 inches above the bottom of the gate, or must be located on the pool side, at least 3 inches down from the top of the gate with no opening larger than ½ inch within 18 inches of the release mechanism.
- All doors with direct access to the pool area must have: An audible alarm that sounds immediately (for at least 30 seconds), and can be heard throughout the house, each time the door **and its screen** are opened. The alarm must automatically reset under all conditions. A manual deactivation switch which temporarily deactivates the alarm **for a single opening** is allowed. The deactivation switch must be at least 54 inches above the threshold of the door **OR** other means of protection such as a self-closing, self-latching door approved by the building department.