



Updated January 1, 2015

◆ **RESIDENTIAL - SWIMMING POOL INSPECTION PROCESS** ◆

International Swimming Pool and Spa Code (ISPSC), 2012 edition

All swimming pools, spas, and hot tubs shall be installed following adopted code standards. See Section R106 of the *International Swimming Pool and Spa Code*, 2012 edition.

The temporary barrier protection or final enclosure shall be installed at the excavation stage.

The pool permit holder shall contact the City of Brentwood - Planning and Codes Department's Inspection Request Line at (615) 661-7077 and request a "fence / pool safety barrier inspection".

The State Electrical Inspector will not complete the **bonding inspection until our office has approved the permanent fence / enclosure. Where special conditions exist, the area inspector will determine minimum fence/barricade requirements prior to bonding inspection. Any temporary barriers allowed by the building inspector must be maintained until the permanent barrier/fence is 100% complete.

Due to safety concerns, no test filling of the pool shall be permitted prior to the erection of a protective fence, or placement of a temporary barricade.

Under Section R106 of the *International Swimming Pool and Spa Code*, 2012 edition, a Final Inspection and Certificate of Completion is required prior to the occupancy of any new pool.

Prior to occupancy, all requirements from the City of Brentwood - Planning & Codes Department, and the State Electrical Inspector / State Fire Marshal's Office shall be satisfied. The fence / pool enclosure shall be 100% completed in order to receive a Final Inspection and Certificate of Completion.

**All electrical and low voltage permits and inspections are completed through the State of Tennessee / State Fire Marshal's Office. The City of Brentwood furnishes office space for the State of Tennessee representatives for the convenience of residents, builders and contractors.

Sharon Costa, (615-577-6160) is the State Electrical Permit Clerk, issuing all electrical and low voltage permits. Her office is located within the City of Brentwood Planning & Codes offices, with hours of operation from Monday through Friday, 8 a.m. to 12 p.m. (except state-observed holidays).

After obtaining a permit, it is the responsibility of the permit holder to contact the inspector so as to arrange a bonding inspection. The State Electrical Inspector (615-577-6161) can be reached, Monday thru Friday 8 a.m. – 9 a.m. (except state-observed holidays) for consult or to arrange an electrical inspection.

RESIDENTIAL POOL INSPECTIONS

ROUGH-IN:

- Concealed/Underground plumbing piping shall be tested with water (no air test allowed on plastic piping) to the highest point of the system. Two tests may be required; one prior to backfill and a second occurring concurrent with State Electrical bonding inspection. (2012 - ISPSC/302.4). Valves installed in or under any deck shall be provided with access for maintenance. (2012 - ISPSC/306.8);

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RESIDENTIAL POOL INSPECTIONS

(continued)

ROUGH-IN

- Potable water supply shall be designed, installed and maintained to prevent contamination. (2012 - ISPSC/318);
- Temporary barrier protection;
- State Electrical Inspection; prior to concealment-bonding/grounding;
- Verify pool and proposed apron location within building envelope and not located in P.U.D.E. (Public Utility Drainage Easement); professional survey may be required if pool structure is in close proximity.

FINAL

- Final inspection and approval from the State Electrical Inspector;
- Top of barrier shall not be less than 48" above grade, 2" maximum clearance between grade and bottom of barrier, vertical distance between solid surface below (concrete) and bottom of barrier not to exceed 4". (2012 - ISPSC /305);
- Building structure used as part of the barrier must comply meet requirements per (2012 - ISPSC /305.4);
- Gate and latch requirements per (2012 - ISPSC/305.3&305..3.3);
- Suction entrapment avoidance shall be provided in accordance with APSP-7. Checklist for Identifying Suction Entrapment Hazards must be completed with application or a professional engineer confirming compliance to APSP-7. (THERE SHALL NOT BE OBSTRUCTIONS THAT CAN CAUSE THE USER TO BE ENTRAPPED OR INJURED);
- Recessed treads shall be provided with a handrail or grab rail on each side of the treads. The clear distance between handrails and grab rails shall be not less than 17 inches and not greater than 24 inches. (2012 - ISPSC/322.4.3).

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