

Pool/Spa Inspection Checklist

This is to be used as a general checklist; it is not inclusive of all code requirements and inspection criteria

PRE-SITE INSPECTION

- Verify field conditions with conformance to plans.

PRE-GUNITE INSPECTION

- Construction sign posted visible from the street and correctly filled out.
- Approved plot plan by Planning Dept. with dimensions and drawn to scale of not less than 1/8 inch per foot. – (RPVMC 17.70.020)
- Check all existing structures, walls and relevant characteristics adjacent to pool, spa or hot tub area.
- Check for overhead utilities within pool area. – (CEC 680.8 & SCE ESR's)
- Verify required setbacks of pool or spa including width, length and total area. (RPVMC 17.48.030)
- Verify pool equipment location. (RPVMC 17.48.030)
- Verify the approved structural plans standard design or other type showing computations, stress diagrams, data sufficient to show the correctness of the plans; verify the reinforcing steel schedule and detail.
- Verify type of construction, whether gunite, poured concrete, prefabricated, or other.
- Check for brass conduit or other approved material installed from pool light niche. – (CEC 680.23 (B) (1) (2)
 1. A No.8 copper insulated ground wire is required at all light fixtures with non-metallic conduit and shall terminate at the forming shell. The ground terminal on the forming shell shall be coated with a UL listed potting compound.
- Bonding from pool & deck steel & metal railings a No. 8 solid copper wire continuous back to pool equipment location, verify clamp is listed as Direct Burial. – (CEC 680.26)
- Check all underground electric conduits. - (CEC 300.5 & Table 680.10)
- Check all underground plumbing and gas piping.
 1. Dual Drains at a minimum distance of 3ft apart, hydraulically plumbed and symmetrically balanced with a "T" fitting. – (CBC 3109.5.3)
 2. Pool cleaner fittings a minimum of 6" & a maximum of 12" below water level. (CBC 3109.5.4)
 3. Gas piping shall have at least 18" of earth cover – (CPC 1211.1.1.2)
 4. Gas piping shall not be installed under any structure or building including patio covers, balconies, porches etc.- (CPC 1211.2.5)
- Check all piping that will be covered by gunite within pool area.

PRE-PLASTER INSPECTIONS

- Verify pool enclosure requirements for height and locations. (RPVMC 17.76.030.E3) & (CBC 3109.4)
- Verify Spacing of horizontal and vertical openings within fence. (CBC 3109.4.1.3 & 3109.4.1.4)
- Verify all gates into the pool enclosure, that they are self-closing and self-latching. (CBC 3109.4.1.7)
- Pool enclosure gates must open outwards from pool area. (CBC 3109.4.1.7)
- Doors from garage that lead into the pool area must be self -closing and latching and be provided with an audible alarm. – (CBC3109.4.1.8)
- Doors that lead from house to the pool enclosure must have an approved door alarm or an approved pool cover with a permanent ASTM tag showing its listing information. - (CBC 3109.4.1.8) (1to3)
- Check for p-trap drain connected to sewer system for pool/spa disposal.
- Check all deck rebar if within 5 ft of water it is to be bonded. - (CEC 680.26)
- Verify that all metal parts within 5ft of pool are bonded. – (CEC 680.26.) (Diving Boards, Ladders, Railings, Fencing, Etc.)
- Check all area drainage around pool.
- Check pool light junction box for height above pool. – (CEC 680.24)

FINAL POOL INSPECTION

- Check all other departments / agencies for clearances and approval.
- Verify gas test and check all plumbing for normal operation.
- Check pool equipment for bonding. – (CEC 680.26 (4))
- Pool equipment to be secured.
- Check enclosure & pool equipment.
- Check all electrical connections on pool equipment. – (CEC 680.4)
- Verify installation of GFCI for pool equipment & GFCI outlet within 10ft minimum and a maximum of 20ft from the inside wall of pool. – (CEC 680.22)