



SWIMMING POOL INSPECTION CHECKLIST

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901 Inspection

1. Before you enter, make sure "Permission to Enter" sign is posted outside of the backyard, and that it is signed by the owner.
2. Check plans to make sure they are:
 - a. Stamped and signed by engineer (wet stamp).
 - b. Stamped either approved or received by the City of Las Vegas.
 - c. Check site plan for gas lines (size, locations and length of run).
 - d. Check site plan to make sure it reflects exact conditions and equipment location and soil zone. Check for clearance to overhead power lines.
3. Check electrical conduit.
 - a. Bond the following with #8 solid copper wire: pool steel, light niches, any metal within 5'(including fences, windows), all motors, heaters and filters if they have a lug, any diving board, slide, or hand rail jigs, and automatic pool covers. All bonding to be done with approved clamps.
4. PVC waterlines and drains.
 - a. Waterlines are to be 12" deep, if not covered by decking and sanded top and bottom with no rocks larger 3/8"
 - b. Drains are to be at least 3' apart or in different planes
 - c. No plumbing to be in concrete pours or slabs, it must be buried in sub grade.
 - d. A backflow prevention device shall be installed to protect potable water supply.
5. Check approved site plans for engineer detail locations.
 - a. No mud, flaky rust, grease, oil or paint on steel.
 - b. Steel to be sized and installed per engineers' details and specifications.
 - c. Check engineer details against steel as installed.
 - d. Check for water features, if natural rock then they must have engineered pad to support the rock, if they are to have an artificial feature then there are specific engineer details that must be followed.

903 Inspections

1. Plastic gas line (PE)
 - a. Must have 60-PSI pressure.
 - b. Must be 18" deep and be sanded (3" bottom, 3" sides and 4" on top), no sharp aggregate.
 - c. Must sleeve risers with PVC pipe 1/2" larger on each side.
 - d. Must have electrically continuous corrosion-resistant tracer wire not less than AWG 14 or tape shall be buried with the plastic pipe to facilitate locating. One end shall be brought above ground at building wall or riser (UPC 1210.1.7.2).
 - e. Shut-offs required at the equipment end.
2. Metal gas line installed underground.
 - a. Factory coated pipe with 10-mil tape double wrapped on all joints and wrench teeth marks.
 - b. Vent is required when installed in a conduit or sleeve.
 - c. Gas lines require shut-offs at the equipment end.
 - d. Sleeves shall be provided to protect all piping through concrete and masonry walls.

905 Inspections

1. Turn down inspections required on concrete pools with decks 24" and wider and 12" or more above grade, follow engineers details for these inspections.
2. Raised decks against non-retaining walls require a clear space to prevent any surcharge.
3. Check that no slab will be poured against the existing house within 2" of weep screed.
4. Fiberglass pool deck inspections must follow the ICBO Evaluation Study details exactly.

910 inspections

1. Permission to enter sign to be posted. If not posted, knock on door for permission to enter.
2. Check approved site plans for any items that might have been added which are not on the plans (waterfalls, BBQ's, retaining walls, enclosure walls, etc).
3. Gas lines:
 - a. Require shut-offs at the equipment end.
 - b. Gas line pressure to be at 60 PSI for welded plastic and 10 PSI for steel and non-welded plastic piping.
 - c. Heater to be on pad, 3" above grade.
4. Electrical: 2017 National Electrical Code compliance.
 - a. Pool lights
 - 1) Must be GFCI protected, CLV must verify.
 - b. Gates:
 - 1) Must be self-closing and self-latching and 60" high measured from outside the enclosed area. Gates must open outwards.
 - 2) The latch or locking device must be at least 48" above grade and at least 6" from the top of the gate. This device must be protected from outside the enclosed area for a distance of 20" in all directions, except openings not greater than 1/4" in diameter.
 - 3) Double gates must be padlocked and or chained and locked with no other modifications as long as there is another code compliant man gate. If a self-latching type device is used on a double gate then the 20" protective barrier will be required.
 - 4) Double gates that are the only access to the rear yard and each leaf of the gate is 8' or less require one side of the gate pinned and locked down and the other portion of the gate must be self-closing, self-latching and protected as per item # ii above.
 - 5) Clearance under the gate must no more than 4".
 - c. Barriers:
 1. Barrier must met Requirements of the Southern Nevada Amendments to the 2018 ISPSC
 - d. Plumbing:
 - 1) All water lines above grade must be painted to protect it from UV.
 - 2) Pumps securely bolted down.
 - 3) Must have a method to drain pool (1 1/2" PVC with valve or direct to sewer, etc).
 - 4) Backflow prevention device on auto fill line. Must have anti-siphon device on rear hose bib.
 - 5) Auto fill shall not be connected to any irrigation system plumbing.
 - e. Pool Safety: Installed per Southern Nevada Amendments to the 2018 International Swimming Pool and Spa Code