MERCED COUNTY

DEPARTMENT OF PUBLIC WORKS
Building and Safety Division

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SWIMMING POOL INSPECTION INFORMATION

This guide is intended to provide you with general information regarding the inspection process for swimming pools. If you have any questions regarding specific inspections, please ask the inspector assigned to your area. To request an inspection, phone 385-7477 and have available the following information: permit number, type of inspection needed and the owner's name. Inspections must be requested prior to 4:00 pm, on the day before needed. A $74.00 re-inspection fee may be assessed if the job is not ready and accessible, or if the plans and permit are not at the job site and available to the inspector.

First Inspection (Steel Bonding and Pre-gunite): Verify that all conditions of the soils report have been met.

Verify setbacks; pressure test all plumbing; all underground conduit in place; all gas lines; Check all rebar for 3" clearance to earth; all rebar to be bonded and a copper bonding wire properly attached to rebar grid and run to panel location; light shell bonded to rebar; provide means to bond any metal parts within 5' of the water's edge.

Second Inspection (Pre-deck):

All forms set; sand base in place; all reinforcement or metal parts within 5' of the water's edge to be properly bonded. A #8 copper solid conductor or structural steel shall be used to form a bonding grid extending a minimum of 3 feet horizontally beyond the inside of the pool wall. The grid shall form a 12" x 12" network of conductors uniformly spaced with a tolerance of 4".

Third Inspection (Pre-plaster):

Check conduit to underwater light fixtures for seal; all mechanical and electrical equipment is installed and mechanically fastened to structures or concrete pads; all required fencing, gates and safety devices are properly installed.

Final:

Pool is filled and operational; all electrical work is finished; all PVC piping exposed to sunlight must be wrapped or painted with a latex paint.

For additional information or clarification please call the Public Works Dept./Building & Safety Division at (209)385-7477.