



County of Santa Cruz

HEALTH SERVICES AGENCY

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ENVIRONMENTAL HEALTH

www.scceh.com

POOL AND SPA RESURFACING AND DECK REQUIREMENTS

The Santa Cruz County Environmental Health Service requires that public pools or spas apply for a Swimming Pool and Spa Minor Remodel Plan Review whenever they are emptied for resurfacing or whenever the pool deck will be redone. A Swimming Pool and Spa Minor Remodel Plan Review application form can be found at:

http://scceh.com/Portals/6/Env_Health/consumer_protection/pools/poolplanckminor.pdf

The following are the repairs that must be conducted in conjunction with these types of modifications as they pertain to the scope of work being conducted:

Surfaces

1. Must be white in color. Spas may be finished in a light color other than white when approved by this office. This office recommends a light reflectance value of 55% or more.
2. The surface must be lined with a waterproof smooth material that is able to withstand repeated brushing, scrubbing and cleaning procedures. **PAINTING OR EPOXY IS NOT ALLOWED.** Resurfacing with a material other than plaster must be reviewed by this office. Provide information on the materials to be used. The interior finish shall completely line the pool to the tile lines, coping, or cantilevered deck.

Markings

1. Contrast lines shall be provided in the following areas:
 - At the edge of any steps
 - The edges of benches in spas
 - Lane markings (width cannot exceed 12 inches)
 - Tiles installed at the water line
 - A slip resistant band (4-6 inches wide) across the pool at the 4 ½ foot depth mark for pools over five feet deep
2. Depth markers
 - Shall be provided on both sides of the swimming pool at the shallowest and deepest depths, at the breaks in the slope, on both ends of the pool and along the perimeter of the pool at distances not to exceed 25 feet.
 - Spas and wading pools shall have a minimum of two depth markers.
 - Shall be marked in units of feet and inches; these can be abbreviated as “FT” and “IN” respectively. Numerals shall be a minimum of four inches in height and of a contrasting color.

Water depth is measured from the floor of the pool to the middle of the tile line on pools with skimmers. The depth shall be measured to the rim of the gutter for pools with an overflow system. Markers should be accurate to the nearest six inches.

Stairs/ Access Points

1. Means of entry and exit are required if the depth is over one foot. Pools with more than one shallow end shall have stairs at each shallow end.

2. Stair risers shall be uniform and with a maximum height of 12 inches. Each step tread shall comply with Figure 31B-7, and Table 31B-7 of Chapter 31B, Title 24, California Building Code.
3. Recessed step risers shall be uniform (maximum 12 inches). Treads shall be a minimum of five inches and path width of at least 14 inches. The first riser can be measured from the deck to the first tread.
4. Provide a handrail over all stairs extending from the deck to the bottom step tread. The upper railing surface shall be between 28 to 36 inches above the deck and each step tread. Spas shall have two handrails. (Refer to ADA for additional requirements)
5. All swimming pools with platforms or diving boards must be reviewed for compliance with the pool code. Platforms and diving boards shall conform to the USA Diving Rules and Codes.

Coping and Decking

1. Replacement coping must extend over the pool wall one to two inches and be no thicker than 2 ½ inches
2. Depth markets shall be located on coping or deck not more than three feet from water
3. No Diving Markers (with the universal red circle with a slash through it superimposed over a diving figure) shall be installed whenever the water depth is six feet or shallower. Markers shall be slip resistant and of a material that is resistant to weathering; these must be located adjacent to depth markers on the deck.
4. There must be at least a four foot deck around the perimeter of the pool and that extends four feet around any fixed disabled access assistance device
5. The pool deck surface shall have a slope of no less than 1% (1/8 inch per foot) but no more than 2% (1/4 inch per foot) away from the pool to a deck drainage system.
6. Any deck material other than concrete must be reviewed by this office. Indoor/ outdoor carpeting, Astroturf or similar material is not approved for swimming pool, spa or wading pool decks.

Anti-Entrapment / Safety Requirements

1. Reinstallation of Anti-Entrapment regulations compliant covers (like for like) must be conducted by authorized personnel; the reinstallation must be certified on a California Anti-Entrapment Certification Form:
http://scceh.com/Portals/6/Env_Health/consumer_protection/State_Anti-Entrapment_Certification_Form.pdf
2. It is recommended that pools with single port equalizer lines or single bottom suction outlets split the lines and provide a least a three foot separation between the two outlets. The split ports must be covered by approved and properly rated Anti-Entrapment covers. Anti-Entrapment changes require a Swimming Pool and Spa Minor Remodel Plan Review prior to work being conducted.
3. If not already provided, a clearly labeled emergency shut-off switch (for the shut-off of both the recirculation and the aeration and/or jet system) must be installed adjacent to the spa with an audible alarm.

Changes in Other Equipment

1. Any changes to plumbing or other equipment require prior approval from this office. A Plan Check Application may be required.

For more specific details, or clarification contact this office at (831) 454-2022