Public Pool Regulatory Codes

- Health and Safety Code
- California Electrical Code
- California Code of Regulations
  - Title 22 = Operations Code
    - Governs Pool Operation Standards for all Public Pools
- California Building Code
  - Title 24 = Building Code
    - Governs Construction Requirements for all Public Pools
Title 22 Implementation Timeline

- **December 2014**
  - FHD sent mail-out to operators advising them of law changes

- **January 1 – June 30, 2015**
  - FHD implements a soft roll-out of new requirements

- **February 24, March 5, March 12, and March 26, 2015**
  - FHD will conduct operator outreach

- **July 1, 2015**
  - FHD will start enforcing new requirements
## Chemistry

<table>
<thead>
<tr>
<th></th>
<th>Free Chlorine Residual parts per million (ppm)</th>
<th>Bromine Residual (ppm)</th>
<th>pH</th>
<th>Combined Chlorine (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Without Cyanuric Acid</td>
<td>With Cyanuric Acid</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Min</td>
<td>Max</td>
<td>Min</td>
<td>Max</td>
</tr>
<tr>
<td><strong>Public Pools</strong> (excluding spas, wading pools, and spray grounds)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEW ≥ 01/01/15</td>
<td>1.0</td>
<td>10.0</td>
<td>2.0</td>
<td>10.0</td>
</tr>
<tr>
<td>OLD &lt; 01/01/15</td>
<td>1.0</td>
<td>-</td>
<td>1.5</td>
<td>-</td>
</tr>
<tr>
<td><strong>Public Spas, Wading Pools, and Spray Grounds</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEW</td>
<td>3.0</td>
<td>10.0</td>
<td>3.0</td>
<td>10.0</td>
</tr>
<tr>
<td>OLD</td>
<td>1.0</td>
<td>-</td>
<td>1.5</td>
<td>-</td>
</tr>
</tbody>
</table>
Record Keeping Additions

Daily*: Record concentration of free chlorine/bromine and pH levels

Monthly: Record cyanuric acid level (if used)

Records must be maintained for two years

<table>
<thead>
<tr>
<th>Daily Records*:</th>
<th>As Required:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Water temperature of heated pools and spas</td>
<td>• Combined Chlorine</td>
</tr>
<tr>
<td>• Equipment readings</td>
<td>• Maintenance procedures</td>
</tr>
<tr>
<td>• Calibrations</td>
<td>• Repairs</td>
</tr>
<tr>
<td>• Corrective actions taken</td>
<td>• Incident log for: fecal, vomit, blood contamination, near drowning, or drowning incidents</td>
</tr>
</tbody>
</table>

*Record keeping exception: California Health and Safety Code §116048

Pool operators at housing developments with fewer than 25 units are only required to document the records a minimum of two times per week with no more than 4 days between readings.
Operational Changes

- **Variation in flow rate:**
  - Must not fall below **75%** of the rate required by the system.  
  - *Previous code allowed for a flow rate reduction of 65%.*

- **Response to incidents is now required:**
  - Including fecal, vomit, blood contamination, and near drowning/drowning incidents.  
  - *Previously this procedure was a recommendation only.*

- **Requirements for rescue pole and life rings:**
  - All pools exceeding 75 feet in length or 50 feet in width shall provide a rescue pole and life ring available on at least two opposing sides of the pool at centralized locations.  
  - *Previously only one set of equipment was required.*
Pools With Lifeguards: Requirements

Safety Equipment:
- Red Cross 10-Person Industrial First Aid Kit or equivalent
- Operating telephone
- Backboard and head immobilizer

Lifeguard Health: Reporting
- Pool operator shall report to the enforcement agent when two or more lifeguards or pool users at a public pool report within 5 days of each other that they have had diarrhea.
Updated Critical Closure Violations

1. Sanitizer level outside the approved range (low or high).
2. Failure to meet microbiological (well systems) standards.
3. Improper pH (low or high).
4. The bottom of the pool at the maximum depth cannot be seen due to poor water quality.
5. Main drain covers(s) missing, broken, loose, or not an approved anti-entrapment type.
6. Enclosure broken or not adequate.
7. Pool gates or doors not self-closing and self-latching.
Updated Critical Closure Violations continued

8. Lack of any safety equipment.

9. Recirculation system is not properly operating or is off during pool hours of operation.

10. Water temperature above 104°F.


12. Spa emergency shut off switch does not properly function.

13. Any condition which may threaten the public health, welfare, or safety is found to exist and cannot be immediately corrected (e.g. fecal matter in water, unapproved chemical storage, foreign items or chemicals in the pool, loose or missing underwater light, etc.)
When must signs be updated to Title 24 Requirements?

- Whenever plan check or building permits are pulled for remodeling/repairs at the pool site.
- For new construction sites as of September 1, 2012.
- Highly recommended when replacing existing faded or damaged safety signage.
Assuring that the following seven (7) risk factors do not occur is vital to maintaining a safe pool:

1. Improper water chemistry
2. Suction entrapment
3. Improper recirculation / disinfection system
4. Improper chemical storage
5. Safety hazards
6. Unsecured pool enclosure
7. Inadequate water clarity

The interventions for controlling these risk factors are:

1. Record keeping
2. Demonstration of knowledge
3. Maintenance review
4. Operational review
Coming Soon: New Inspection Report
Who do I contact if I want to replace, modify, or do major repairs on my pool or pool equipment? **CALL US BEFORE STARTING!**

Contact the **Plan Check unit at (858) 505-6659** prior to replacing, modifying, or changing the following:

- Recirculation equipment
- Plumbing
- Pumps
- Solar heating systems
- Heaters
- Pool enclosure
- Decks
- Pool restroom or ancillary facility

**Be sure to obtain Plan Check approval prior to the start of any construction or remodeling to any pool, spa, wader, or spray feature.**
Contact Information

- Duty Specialist: (858) 505-6900
  - fhdutyeh@sdcounty.ca.gov

- Complaints: (858) 505-6903
  - FHDComplaints.LUEG@sdcounty.ca.gov

- Plan Check Technical Line: (858) 505-6659
  - plnchk@sdcounty.ca.gov

- Plan Check Scheduling Line: (858) 505-6660

- Website: [www.sdcdeh.org](http://www.sdcdeh.org)

- Website: [www.sdcountypools.org](http://www.sdcountypools.org)