



Health and Human Services Department Placer County Environmental Health

OPERATION & MAINTENANCE OF PUBLIC POOLS AND SPAS

- ❖ Every pool and spa must be **under the supervision of a Pool Operator**, who shall **maintain** records of pool **operating procedures & manufacturer's instructions** (operation and maintenance for all mechanical, and electrical equipment, and water treatment system) **at the pool site for use by the pool operator and for inspection by the enforcing agent**. The Operator shall *assume responsibility of compliance* with State Regulations for the safety of the pool users. (CCR Title 22, Chapter 20 Section 65521)
- ❖ The operator of each pool shall keep a **daily record** of information regarding operations, including readings of **disinfectant residual, pH, and spa water temperature**, and **any routine maintenance** such as cleaning of filters, quantity of chemicals used and any repairs to the pool, the drain covers, or pool equipment. *All records shall be kept for at least two years.* (section 65523)
- ❖ A swimming pool **test kit; diethyl-p-phenylenediamine, DPD type** (*Orthotolidine, OTO is not acceptable*) shall be available for testing free chlorine and pH concentrations. (section 65529)
- ❖ The **Free Chlorine (FC)** residuals of **pools** shall be maintained at **minimum 1.0 ppm, if not using stabilizers or conditioners or 2.0 ppm, if using conditioner or stabilizer** (*Bromine pools min 2.0 ppm*). For **spa, wading pool and spray grounds** with or without stabilizer shall be maintained at **minimum 3.0 ppm** (*Bromine min 4.00 PPM*). Free Chlorine residuals shall **not exceed 10 ppm** for all types of pools. (section 65529)
- ❖ The **pH** of the pool and spa shall be **maintained between 7.2 and 7.8** (section 65530).
- ❖ If **Cyanuric Acid (CYA)** or a mixture of cyanuric acid and chlorinates isocyanurate is utilized, cyanuric acid concentration shall be **measured monthly**. Readings shall **not exceed 100 ppm**.
- ❖ All **suction drain covers** (*with current anti-entrapment form approved by the enforcing agent*) must be secured so they are removable only with tools. Pools with *broken or missing drain covers should not be used and must be replaced at once*.
- ❖ A **mechanical (automatic) chlorinator and filtration system** that have been approved by the department shall be **maintained and fully operational** whenever the pool is open. *No hand chlorination except for super chlorination or shocking the pool* (sections 65525& 3123B)
- ❖ **All equipment** associated with the circulation, filtration, and purification or chlorination of the pool water shall be **kept in good repair**. All parts of the pool and spa and related facilities shall be maintained in good repair (section 65535)
- ❖ Floating scum or debris shall not be allowed to accumulate in the pool. The **sides, bottom and decks of the pools and spas shall be kept clean and free of slime and algae**. *Bathrooms* shall be clean and provided with supplies. *Showers shall have soap in dispensers, except deck showers.* (section 65533&65551)
- ❖ All **employees or patron** of pool **suspected of having a communicable disease** (*i.e. diarrhea, cough, cold, wearing bandages, sores etc...*) shall be **excluded** from using the pool, except upon doctor's notice that the person does not present a health hazard. *If two or more lifeguards or pool users report within 5 days of each other to the pool operator that they have had diarrhea, the pool operator shall report this to the enforcing agent.* (section 65541)
- ❖ All pools shall have the required **safety signs and rescue equipment** (section 65539)

For more information visit www.cdph.ca.gov, California Health and Safety Code sections 116025-116068, California Code of Regulations Title 22 & 24.