Plan Check Program

Title 22 and Chemical Controllers for Public Pools

The California code of Regulations (Title 22) requires daily testing and written recording of pH, chlorine, and heated pool water temperature at public pools. For sites where there are less than 25 housing units, testing and recording is required twice a week, no more than four days apart.

Automated Chemical Controllers

Automated chemical controllers can replace manual daily testing and recording, under certain conditions:

1. **Pool Supervision**—An automated chemical controller alone does not adequately supervise a pool. Visual inspection of gates, fences, water clarity, equipment functioning, and general safety of the pool area is required.
2. **Regular Calibration**—Every automated chemical controller needs regular calibration in order to work properly. Follow all manufacturer's instructions.
3. **Approved List—**To replace daily manual reading and recording, the controller must read in ppm of free available chlorine. See the back of this page for a list of pre-approved models that you may install without prior approval from this agency. If you would like to use an alternative model, you may submit your proposed model to plancheck@ochca.com for us to review (fee applies). All approvals are on a performance basis—if violations are consistently found related to chlorine and pH, an alternate model or method may be required.
4. **Written Logs**—While the automated chemical controller can be used to replace the daily testing and recording for no more than four days in a row, the readings still need to be captured in a written log. Add these readings to the log on one of the days manual testing is done.

Installing Pre-Approved Controllers

Prior to installation, obtain any necessary approvals and permits from the local building authority for electrical work. Install the automated chemical controller according to the manufacturer's instructions and follow all safety precautions. Keep the automated chemical controller manufacturer's instructions at the pool site for reference.

NOTE: The accidental injection of chemicals by the automated controller when the filter pump is off or malfunctioning can result in the creation of toxic chlorine gas.

If a recirculation pump is turned off, NEVER turn it back on while swimmers are in the pool, spa or wading pool.

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Orange County Pre-Approved Title 22 Controllers

This list may not be comprehensive. If you are considering a controller that is not on this list, please contact Environmental Health Plan Check Program at plancheck@ochca.com or 714-433-6074 to have your controller evaluated.

BECS Technology, Inc.					
Model	pH	Temperature	Free Chlorine in ppm	NSF 50	Notes
BECSys3	X	X	X	X	Option for derived chlorine ppm readings. Temperature sensor is optional and must be included with this model: part #9660016
BECSys5	X	X	X	X	Alarm notifications by email and/or text message
BECSys7	X	X	X	X	Alarm notifications by email and/or text message
Evoqua Water Technologies, LLC					
Model	pH	Temperature	Free Chlorine in ppm	NSF 50	Notes
Blu-Sentinel Pro	X	X	X	X	Measurements of Total Chlorine, Combined Chlorine optional
Blu-Sentinel SE	X	X	X	X	Measurements of Total Chlorine, Combined Chlorine optional
Strantrol Pool E 700P	X	X	X	X	Measurements of Total Chlorine, Combined Chlorine optional
Hayward Industries, Inc					
Model	pH	Temperature	Free Chlorine in ppm	NSF 50	Notes
CATPP6000 WIFICF	X	X	X	X	
Prominent Fluid Controls, Inc.					
Model	pH	Temperature	Free Chlorine in ppm	NSF 50	Notes
DCM 5	X	X	X	X	
DCM 2Cl	X	X	X	X	
Pentair Water Pool and Spa, Inc.					
Model	pH	Temperature	Free Chlorine in ppm	NSF 50	Notes
COMMERCIAL INTELLICHEM	X	X	X	X	ETL listed to NSF-50
Innovative Pool Solutions (IPS), Inc.					
Model	pH	Temperature	Free Chlorine in ppm	NSF 50	Notes
M920-CA	X	X	X	X	

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