

Swimming Pool/Spa Guidelines and Requirements

Water Chemistry Component	Swimming Pool		Spa Pool	
	Range	Ideal	Range	Ideal
Free Available Chlorine	0.5 - 5.0 ppm	2.0 - 5.0 ppm	2.0 - 5.0 ppm	3.0 - 5.0 ppm
Combined Available Chlorine	Max of 0.5 ppm		Max of 0.5 ppm	
Stabilized Chlorine	1.0 - 5.0 ppm	3.0 - 5.0 ppm	2.0 - 5.0 ppm	3.0 - 5.0 ppm
Total Bromine	1.0 - 10.0 ppm	4.0 - 8.0 ppm	4.0 - 10.0 ppm	6.0 - 8.0 ppm
Calcium Hardness	150 - 1000 ppm	200 - 400 ppm	150 - 1000 ppm	200 - 400 ppm
pH	7.2 - 8.0	7.4 - 7.6	7.2 - 8.0	7.4 - 7.6
Alkalinity	60 - 150 ppm	80 - 120 ppm	60 - 150 ppm	80 - 120 ppm
Cyanuric Acid	35 ppm Max.	20 - 30 ppm	35 ppm Max.	20 - 30 ppm
Temperature		78 - 86 Degrees F.	104 Degrees F. Max.	

Water Chemistry Test Kits:

- Store reagents in cool dry location protected from light exposure
- Must be DPD type test kit with accuracy of 0.2 ppm
- Test for Alkalinity, pH, and Cyanuric

Water Clarity: Bottom drain must be visible at all times

Safety Equipment: One set of equipment per 2,000 square feet of pool surface

- Life Ring - 3/16" rope attached, 1.5 times pool width but <60 feet
- Shepherd's Hook: Minimum 12 foot pole attached
- Equipment must be mounted in conspicuous, accessible location
- Spine Board and First Aid Kit required if lifeguard services present

Controlled Access:

- 4 foot minimum height
- Self-closing and latching gates

Depth Markings:

- 4" high in contrasting color at 25' or changes in slope
- FT and IN follow depth numbers
- "No Diving" on pool deck where diving not permitted in 4" high contrast color

Slope Changes:

- Indicated by contrasting color on bottom and sides of pool
- 6" width in contrasting color

Stair Markings:

- Leading edge of stair tread must be marked with dark contrasting color strip
- Strip width of 1/2" - 2"

Daily Record Keeping:

- Required daily recording: Free Chlorine, Total Chlorine, Alkalinity, pH, Temperature, Cyanuric Acid
- Water or chemicals added, flow rate, filter or equipment maintenance
- Physical check of main drain and suction covers

Required Signage

- "Pool Rules" must be conspicuously posted and clear
- "No Diving" where appropriate
- "Pool Capacity" must be conspicuously posted and clear
- "Warning No Lifeguard on Duty" displayed in 4" letters
- "Children shall not use pool without an adult in attendance" displayed at all pools without a lifeguard.
- "For Emergency Use Only" must be posted by safety equipment
- Emergency Instructions 911 must be conspicuously posted
- Location of the nearest phone must be posted
- Spa Rules and Spa capacity were applicable

Pool Operators:

- Every swimming pool shall be operated under the direct supervision of a trained Certified Pool Operator

Chemical Storage:

- Store all chemicals in a secure, cool, dry location

Pool Areas Cleanliness:

- Pools, pool decks, showers and toilet facilities must be maintained, clean and sanitary.