

Chemical Levels, Temperatures, and Testing Frequency

Test the pool water before the pool opens and when the pool has its highest patron load.

Pool Type	Chlorine Residual ppm	Chlorine Residual w/ Stabilizer* ppm	Bromine Residual ppm	Testing Frequency without an ORP	Testing Frequency With an ORP in proper 650-850 mV range
Swimming and Activity Pools	1 - 10	1.5 - 10	3 - 20	2/day	1/day
Wading Pools	2 - 10	3 - 10	4 - 20	2/day	1/day
Whirlpool, Exercise and Therapy Pools	3 - 10	4 - 10	7 - 20	4/day	1/day
Plunge Pools ^x , Wave Pools ^x , Interactive Play Attractions, Waterslides ^x , and Pool Slides	2 - 10 or ^x below	3 - 10	5 - 20	2/day	1/day
Water Attractions other than those specified above	1 - 10	1.5 - 10	3 - 20	2/day	1/day

*Stabilizer examples-trichlor or dichlor pucks/pellets

^xFor marked pools with proper daily ORP reading, minimum free chlorine level is 1.0 PPM

Other Water Chemistry Standards	Chemical Range	Pools/Water Attractions Testing Frequency	Whirlpools, Therapy & Exercise Pools Testing Frequency
pH range (no ORP)	7.2 - 7.8	2/day	4/day
pH range (with proper ORP daily readings)	7.2 - 7.8	1/day	1/day
Cyanuric Acid (stabilizer*)	30 ppm or less	1/week	1/week
Combined chlorine maximum- outdoor pool	0.5 ppm or less	2/week	1/day
Combined chlorine maximum- indoor pool	0.8 ppm or less	2/week	1/day
Alkalinity	60-180 ppm	1/week	1/week

Water Temperature

To prevent condensation on window wells or damage to seals, it is best if air temperature is 1°F above water temperature.

- **Indoor Pools:** 72° F to 95°F
- **Outdoor Pools:** greater than or equal to 65°F
- **Whirlpools:** maximum 104°F
- **Cold Soak Pools:** may be less than 65°F (water temperature to be posted in 4 inch lettering)

Use Approved Test Kits and Methods

Required testing level sensitivities:

- **Chlorine:** 0.2 ppm
- **Bromine:** 0.5 ppm
- **Combined Chlorine:** 0.5 ppm