

IMPORTANT INFORMATION FOR POOL/SPA OWNERS

The following levels are based on current pool industry guidelines.

	MINIMUM	IDEAL	MAXIMUM	
CYANURIC ACID	30PPM	60PPM	100PPM	TOO HIGH – affects the disinfectant qualities of the sanitizers and gives false TA readings
TOTAL ALKALINITY makes water	100PPM	120-150PPM	170PPM	TOO LOW – corrosive – finish deterioration, etching and pitting: pH fluctuates. TOO HIGH – cloudy water, scaling on the finish, high pH.
pH	7.2PPM	7.4-7.6PPM	7.8PPM	TOO LOW – rapid dissipation of chlorine; etching, pitting, metal corrosion, eye irritation TOO HIGH – scale formation and high chlorine demand.
CALCIUM HARDNESS	200PPM	200-300PPM	300+	TOO LOW – Causes etching and pitting. TOO HIGH – causes scaling, cloudy water and rough pool finish.
FREE CHLORINE	1.0PPM	1.5-2.5PPM	3.0PPM	TOO LOW – green water and algae growth. TOO HIGH – improper TA and pH reading.

TOTAL
CHLORINE

1.5-2.0PPM

Waste sanitizer.

TOO LOW –
green water
and algae growth.
TOO HIGH –
improper TA
and pH reading.
Wastes sanitizer.

TOTAL
DISSOLVED
SOLIDS

0-2500PPM

3000 The sum total
of all solids
that might be
dissolved in
water including iron,
copper, manganese,
calcium, etc.

There is no absolute procedure of water treatment for all pools. The parameters are broad and these recommendations are based on current swimming pool industry guidelines.