

Figure: 25 TAC §265.193(c)

<u>Required Chemical Levels</u>			
<u>Disinfectant Level</u>	<u>Minimum</u>	<u>Ideal</u>	<u>Maximum</u>
<u>Pool Free Available Chlorine</u>	<u>1.0 ppm</u>	<u>2.0 – 3.0 ppm</u>	<u>8.0 ppm</u>
<u>Spa Free Available Chlorine</u>	<u>2.0 ppm</u>	<u>3.0 ppm</u>	<u>8.0 ppm</u>
<u>Pool Bromine</u>	<u>3.0 ppm</u>	<u>4.0 – 6.0 ppm</u>	<u>10.0 ppm</u>
<u>Spa Bromine</u>	<u>4.0 ppm</u>	<u>5.0 ppm</u>	<u>10.0 ppm</u>
<u>Combined Chlorine</u>	<u>None</u>	<u>None</u>	<u>0.4 ppm</u>
<u>pH</u>	<u>Not less than 7.0</u>	<u>7.2 – 7.6</u>	<u>7.8</u>
<u>Cyanuric Acid</u>	<u>None</u>	<u>30 – 50 ppm</u>	<u>100 ppm</u>
<u>ORP</u>	<u>600 mV</u>	<u>650 – 750 mV</u>	<u>900 mV</u>
<u>Alkalinity</u>	<u>60 ppm</u>	<u>60 ppm – 180 ppm</u>	<u>>180 ppm</u>
<u>Calcium Hardness in Pools</u>	<u>150 ppm</u>	<u>>150 – 400 ppm</u>	<u>1000 ppm</u>
<u>Calcium Hardness in Spas</u>	<u>100 ppm</u>	<u>150 – 400 ppm</u>	<u>800 ppm</u>