

5.1 CHEMICAL WATER STANDARDS

The water chemistry shall be maintained in accordance with the requirements of Table 6.

5.1.1 Free Chlorine Levels

Table 6 - Minimum Free Chlorine Levels

| | Minimum Free Chlorine Levels - milligrams per litre | |
|---|---|---------------------------------------|
| | Water Temperature less than 26 °C. | Water Temperature Greater than 26 °C. |
| Unstabilised pools - cyanuric acid not used. | 1.0 | 2.0 |
| Stabilised pools - where cyanuric acid is used | 2.0 | 3.0 |
| Minimum Free Chlorine Levels - milligrams per litre | | |
| Hydrotherapy Pools, Spa Pools & Wading Pools | 3.0 | |

[Section 5.1.1 Free Chlorine Levels - Table 6 - Minimum Free Chlorine Levels amended 21 Sep 2009]

As an alternative to complying with this requirement, indoor facilities may comply with the free bromine levels specified in 5.1.4 *Free Bromine Levels* of this Section.

5.1.2 Combined Chlorine Levels

It is recommended that facilities be operated with combined chlorine levels no greater than 30% of the Free Chlorine Levels.

5.1.3 Maximum Chlorine Levels

Total chlorine levels shall be no greater than 10 milligrams per litre whilst a facility is in use.

5.1.4 Free Bromine Levels

Facilities electing to use bromine sanitisers shall ensure the water complies with the requirements of Table 7.

Table 7 - Minimum Free Bromine Levels

| Type of Facility | Minimum Free Bromine Levels (milligrams per litre) | |
|---|--|---------------------------------------|
| | Water Temperature Less than 26 °C. | Water Temperature Greater than 26 °C. |
| Swimming Pools, Wave Pools, Water Slide Receiving Pools | 2.0 | 4.0 |
| Hydrotherapy Pools, Spa Pools and Wading Pools | 4.0 | 6.0 |

Facilities using bromine as a sanitiser shall keep the DMH levels no greater than 200 milligrams per litre.