## Swimming pool test log sheet

| Chemical parameters |      | Premises name and address:                    |                               |    |                              |         | Pool name:         |   |                          |           |  |
|---------------------|------|---|-------------------------------|----|------------------------------|---------|--------------------|---|--------------------------|-----------|--|
| Date                | Time | Free chlorine<br>or total<br>bromine<br>(ppm) | Combined<br>chlorine<br>(ppm) | pH | Total<br>alkalinity<br>(ppm) | Clarity | Water temp<br>(°C) | Corrective action taken<br>(if required levels not met) | Comments/<br>maintenance | Signature |  |
|                     |      |   |                               |    |                              |         |                    |   |                          |           |  |
|                     |      |   |                               |    |                              |         |                    |   |                          |           |  |
|                     |      |   |                               | -  |                              |         |                    |   |                          |           |  |
|                     |      |   |                               |    |                              |         |                    |   |                          |           |  |
|                     |      |   |                               |    |                              |         |                    |   |                          |           |  |
|                     |      |   |                               |    |                              |         |                    |   |                          |           |  |
|                     |      |   |                               |    |                              |         |                    |   |                          |           |  |

Please refer to the chemical parameters table on the back of this log sheet for required chemical levels. Note: microbiological monitoring of the water should also be considered and results recorded.

For more information, contact your local Council





## **Chemical parameters**

|   | Indoor pool                        | Heated indoor pool                 | Outdoor pool                       | Heated outdoor pool                | Spa                            |  |
|---|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------------|--|
| Water temperature                                 |                                    | >26°C                              |                                    | >26°C                              | 35°C - 37°C ideal,<br>40°C max |  |
| Free chlorine<br>(mg/l ppm)<br>minimum            | 1.5                                | 2                                  | 1.5                                | 3                                  | 3                              |  |
| Free chlorine<br>(mg/l ppm)<br>with cyanuric acid | N/A                                | N/A                                | 3                                  | 4                                  | N/A                            |  |
| Total chlorine<br>(mg/l ppm)                      | free chlorine level +1<br>(10 max) | 10                             |  |
| Bromine<br>(mg/l ppm)<br>minimum                  | 3.0                                | 4.0                                | 3.0                                | 4.0                                | 4 - 6                          |  |
| Ozone<br>(for chlorine level see above)           | 0 residual                         | 0 residual                         | 0 residual                         | 0 residual                         | 0 residual                     |  |
| рН  | 7.2 - 7.8                          | 7.2 - 7.8                          | 7.2 - 7.8                          | 7.2 - 7.8                          | 7.2 - 7.8                      |  |
| Total alkalinity<br>(mg/l ppm)                    | 80 - 200                           | 80 - 200                           | 80 - 200                           | 80 - 200                           | 80 - 200                       |  |
| Cyanuric acid                                     | 0*                                 | 0*                                 | 30 - 50                            | 30 - 50                            | 0*                             |  |

\* As indoor pools are protected from direct sunlight, cyanuric acid must not be used as the effectiveness is reduced. Note: combined chlorine shall not exceed half the total chlorine concentration with a maximum of 1.0ppm

Source: Queensland Health Swimming and Spa Pool Water Quality and Operational Guidelines (October 2004)