



pH Testing

Pool operators use a water testing kit such as a Comparator or Photometer.

These kits contain a tablet which when mixed with a sample of pool water turns to a shade of orange.

The pH is read by comparing the colour with a colour standard either on a disc, set in plastic (comparator) or directly from the Photometer, via a digital display.

Chlorine Testing

Two chlorine tests should be undertaken:

- (a) Free chlorine tests using DPD number 1 tablet; and
- (b) Total chlorine tests using DPD number 3 tablets.

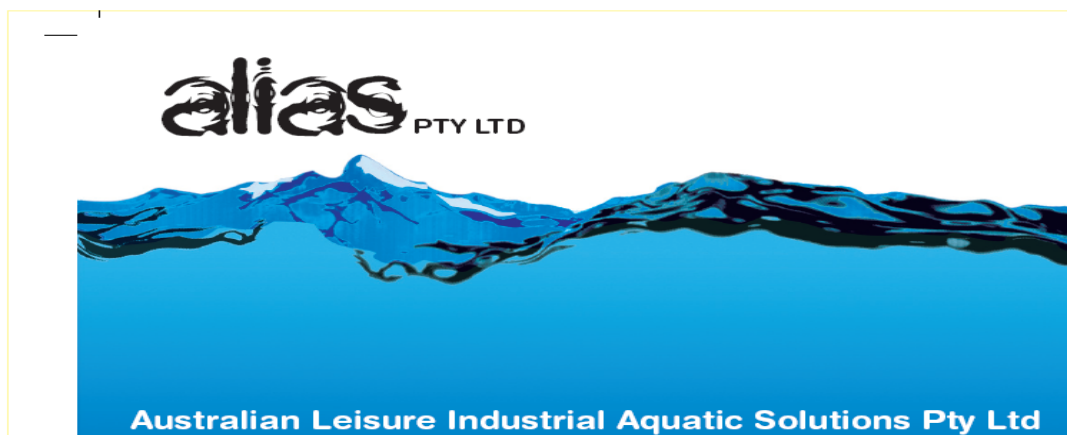
The 'difference' between the DPD 1 and DPD 3 test results will indicate the combined chlorine residual, or compounds which have reacted with chlorine.

These kits contain tablets which when mixed with a sample of pool water turns to a shade of pink to red.

Remember to watch up for tablet bleaching!

Too much chlorine in the pool (hence in the sample) will bleach out the DPD tablet immediately. A small streak of red will be evident when crushing the tablet, the sample continues to react in the normal way turning pink with the presence of chlorine, but as you continue to crush the tablet in the test tube, the colour disappears or turns a very light pink, indicating no or very little chlorine, which is obviously a false reading due to the above. Many new or inexperienced operators can be 'caught out' and there immediately reaction is to 'dump' more chlorine into the pool, which as we all know, is the wrong thing to do!

For instructions on how to carry out the DPD test procedures, please refer to your test instrumentation, or call for further information



Total Alkalinity Testing

Pool operators use a water testing kit such as a Comparator or Photometer.

These kits contain a tablets which when mixed with a sample of pool water turns to a shade of 'bright red' using a Comparator or a shade of yellow-green or blue using a Photometer

The Total Alkalinity is read by a specific colour change on the Comparator from Yellow to Bright Red or directly from the Photometer (at a different wave length), via a digital display.

Calcium Hardness

Pool operators use a water testing kit such as a Comparator or Photometer.

These kits contain a tablets which when mixed with a sample of pool water turns to a shade of 'violet' using a Comparator or a shade of violet-orange using a Photometer

The Calcium Hardness is read by a specific colour change on the Comparator from Yellow to Pink to Violet or directly from the Photometer (at a different wave length), via a digital display.

Cyanuric Acid Testing

The cyanuric acid test kit consists of a tube with a movable dipstick and a bottle of 'reagent'.

The reagent is added to the sample water 50:50 ratio, which turns opaque. The dipstick is simply moved up or down in the turbid solution and read directly from the side of the calibrated sample tube, OR alternatively directly from your digital photometer using the Cyanuric Acid test reagents.

Cyanuric Acid is only to be used on Outdoor Swimming Pools only! Not suitable for indoor use

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