



FAMILY RUN BUSINESS
EST 1970

AMBASSADOR POOLS

MAKING LEISURE A PLEASURE

Water Testing

Here are some simple instructions to help become a happy swimming pool owner!

CHLORINE TEST KIT

1. Remove the lid and rinse out the compartments with the swimming pool water to be tested.
2. Fill all compartments to the top with the swimming pool water to be analysed. This is conveniently done by scooping up the water from a few inches below the surface.
3. Add one Phenol Red tablet to the left hand compartment by tearing open the foil strip without touching the tablet with your fingers.
4. Add one DPD no.1 tablet to the right hand compartment by tearing open the foil strip without touching the tablet with your fingers.
5. Replace the lid of the Pool Tester with the arrows pointing towards the printed front.
6. The tablets will quickly disintegrate. Shake the Pool Tester several times to help mix the contents thoroughly.
7. Take the readings by holding the Pool Tester towards natural daylight. Select the nearest colour match against the colour standards and read off the corresponding values.
8. The reading on the left is the pH value.
9. The reading on the right is the concentration of free chlorine (mg/l).

IMPORTANT INFORMATION

- Touching the tablet with your fingers can lead to inaccurate results.
- The colour matching must be carried out immediately after the tablets have dissolved in the water sample.
- After each measurement the Pool Tester and lid should be thoroughly rinsed out to prevent errors by cross contamination.
- Levels of chlorine above 10 mg/l can cause bleaching of the DPD colour.
- PH readings below 6.8 also produce a yellow colouration, so a reading of 6.8 may be incorrect.
- PH readings above 8.2 also produce a red colouration, so a reading of 8.2 may be incorrect.
- Water samples with low readings of Total Alkalinity may give wrong pH readings.

HELPFUL HINTS

Take a marker pen and draw a line through the middle of the required readings, which should be – pH: 7.4 and Chl: 2.0/3.0 (see diagram).

Causes of pH change: Cosmetics, rain, bathers, chemicals, dust, algae, temperature



Water Testing continued

DOSE RATES

Application: If pH is below 7.2, add

Pool Volume M ³	Pool Volume – Gallons	Dose Rates
4.55 (4,545)	1000	50g
11.36 (11364)	2500	125g
22.73 (22730)	5000	250g
45.45 (45455)	10000	500g

NOTE: Maximum dose at any one time is 500g per 45m³. (18 oz per 10,000 gallons). Repeat if necessary.

NO READING

If you find that you have no reading, this might be the cause of there being too much chlorine. If this happens, do a 50/50 test:

Fill up the compartment to half way, then fill the rest with tap water, insert the tablets, and this should give you a reading. If there is still no reading it may be that you have not got enough chemicals in the pool.

SUMMARY

- If pH reading is too low, add pH+ (Dry Alkali)
- If pH reading is too high, add pH- (Dry Acid)
- If Chlorine reading is too low add Chlorine
- If Chlorine reading is too high, add Chlorine Reducer or wait for the sun to burn it off.

If after following these instructions, you are still unsure, please do not hesitate to call in to our office and one of us will show you step by step how this is done.