TESTING UNIT FOR SALT CONTENT ACCURACY

* Add 3 level teaspoons of table salt into a household bucket
* Add to the bucket 2.5 litres of lukewarm tap water and stir to dissolve salt
* This mixture is exactly 6000 part per million or, 6% saline solution
* Follow in step order:
  1. Turn off pump and chlorinator
  2. Remove cell from housing and clean (ensure sensor pin is also clean)
  3. Place cell in the bucket with solution ensuring cell is submersed up to lid
  4. Turn filter backwash handle to closed position
  5. Turn chlorinator switch to setting 3
  6. Turn pump on for a period of 60 seconds and take note of gauge needle position
  7. Turn off pump, replace cell in housing, turn filter handle to filter position
* If a 75% reading is obtained from gauge then the chlorinator is working correctly
* If a lower reading is taken then the chlorinator and cell should be brought in fortesting and repair
* Reading of 75% with solution on setting 3
* Reading of 50% with pool water (normal running on setting 3) salt in pool is 0,4%
* Add salt to pool (2Kg per thousand litres of pool water)
* Reading of 25% with pool water (normal running on setting 3) salt in pool is 0,3%
* Add salt to pool (3Kg per thousand litres of pool water)
* Reading of 10% with pool water (normal running on setting 3) salt in pool is 0,2%
* Add salt to pool (4Kg per thousand litres of pool water) (I.e. pool is 40 000L then salt calculates as (?) Kg x 40 = salt required in Kg)