

Swimming Pools Remote areas-using Salt Water Chl.

Last Issue Date: 02/03/2015		Type Of Service				
Activity		A	B	C	D	E
1	<p>COMMISSIONING</p> <p>Clean plant room</p> <p>Clean any debris from water</p> <p>Check and report on the condition of the pool surfaces, handrails, steps, ladders, diving boards and fencing.</p> <p>Top up pool water level if required and check operation of make up valve</p> <p>Check chemical supply and report any requirements to the pool operator</p> <p>Clean Ph probes, dosing ejectors and sensing strainer chambers</p> <p>Clean skimmer boxes and lint strainer</p> <p>Check operation and report on the condition of filtration system</p> <p>Check operation of circulating / filter pump</p> <p>Backwash filters and log filter pressures</p> <p>Check operation of chlorinator</p> <p>Check operation of acid dosing pump system</p> <p>Calibrate and commission dosing system</p> <p>Test water quality and record results in log book</p> <p>As soon as possible report any faults effecting the operation of the pool, seek approval for their rectification and repair immediately.</p> <p>Check and replace tubes in chlorine analyser</p> <p>Check factory settings of chlorine analyser and test operation of intake purge solenoids</p> <p>Check and if necessary adjust the water flow to the chlorine analyser to the required level</p> <p>Check that dosing solenoid in chlorine analyser is working</p> <p>Check condition of leads on electrodes / cells are not worn out</p> <p>Check output current of Switch Mode Power Supply to electrodes / cells</p> <p>Check 4-20 mA signal output from chlorine analyser to chlorinator controller</p> <p>Check 1-5 volt DC signal from chlorinator controller to Switch Mode Power Supplies are proportional</p> <p>Check factory or Master settings of chlorinator controller</p> <p>Check that the main contractors for polarity switching are working properly</p> <p>Check salt level in swimming pool is between 5000 and 7000 ppm</p> <p>Check the flow switch for the saltwater chlorinator</p> <p>Check voltage and current for each phase for the water circulating pumps</p> <p>Check the operation of the thermal overload relay</p>			Y		
2	<p>IN-SEASON MAINTENANCE</p> <p>Test water quality and record results in log book</p> <p>Backwash filters and log filter pressures</p> <p>Record chemical supply in log book and report to the pool operator</p> <p>Clean Ph probes, dosing ejectors and sensing strainer chamber</p> <p>Clean lint strainer</p> <p>Check operation of chlorinator</p> <p>Check operation of acid dosing pump system</p> <p>Calibrate dosing system</p>		Y			

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Government of South Australia
Department of Planning,
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Activity		A	B	C	D	E
	Check operation of pool water make up valve and service if necessary Clean plant room As soon as possible report any faults effecting the safe operation of the pool, seek approval for their rectification and repair immediately. Replace reagents for chlorine analyser at least once a month (reagents shelf life one month after mix) Chlorine analyser tubes for leaks and blockages. Replace tubes for chlorine analyser as recommended by manufacturer Acid clean the saltwater chlorinator electrodes / cells every 3 months Check flow switch for saltwater chlorinator					
3	DECOMMISSIONING Backwash filters and log filter pressures Clean lint strainer Record chemical supply in log book and report to the pool operator Ensure pH level is between 7.2 and 7.6 prior to dosing with algicide Clean pH probes Clean dosing ejectors Flush chlorine and acid dosing pumps Dose pool with suitable (chlorine compatible) algicide capable of maintaining water quality through the off season while the pool is out of use, run pool circulating pumps for 2-3 days per week with chlorinator running Ensure plantroom is left in a clean and tidy condition Cover pool if cover available Report any faults, seek approval to rectify and carry our work prior to the beginning of the swimming season Remove reagents from chlorine analyser. Flush tubes with tap water until all reagents in tubes are flushed out. Turn Off saltwater chlorinator if water circulating pumps are not running Acid clean the saltwater chlorinator electrodes / cells If winterising pool, do not operate saltwater chlorinator if winterising chemicals used contain metal ions				Y	
4	Record all results in logbook		Y	Y	Y	

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Special Comments and Technical Data

C SERVICE - COMMISSIONING TO BE UNDERTAKEN AT THE BEGINNING OF THE SWIMMING SEASON.

B SERVICE - IN-SEASON MAINTENANCE AT 4 WEEK INTERVALS

D SERVICE - DECOMMISSIONING TO BE CARRIED OUT AT THE END OF THE SWIMMING SEASON.

THIS TECH. SHEET INCORPORATES THE FOLLOWING TECH SHEETS;

ME57 PUMP SWIMMING POOL

ME128 FILTER SWIMMING POOL

ME129 SWIMMING POOL PH CONTROLLER

ME130 SWIMMING POOL CHLORINATOR

ME163 SALT WATER CHLORINATOR

FOR OPERATION OF POOL REFER ALSO REFER TO:

MANDATORY STANDARD FOR THE OPERATION OF SWIMMING POOLS AND AND SPA POOLS IN SOUTH AUSTRALIA.

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