

Hydrotherapy Pool

Last Issue Date: 10/07/2019		Type Of Service				
		A	B	C	D	E
Activity						
1	Check controls and back flush sand filter manually to check operation.	Y	Y	Y	Y	Y
2	Check solar system for leaks or damage (if applicable).	Y	Y	Y	Y	Y
3	Check for unusual noise and/or leaks in the plant room & / or roof (if applicable).	Y	Y	Y	Y	Y
4	Check stock, replenish if required. (Generally undertaken by the pool operator).	Y	Y	Y	Y	Y
5	Check pressure across pumps, UV and filters. Log results and investigate variations.		Y	Y	Y	Y
6	If applicable check the control screen for: a) Alarms - adjust if required; b) Pump flows; c) Tank level; d) Make-up valve condition; and e) Temperature.		Y	Y	Y	Y
7	Check condition of pool and pool area including loose / damaged tiles, caulking joints for wear and damage, pool fittings, hand rails and gratings.	Y	Y	Y	Y	Y
8	Check condition and operation of circulation pumps & strainers, check all seals for leaks and undue noise & vibration from pumps & motors. Clean strainers if necessary.		Y	Y	Y	Y
9	Check the pump strainers and clean if necessary.		Y	Y	Y	Y
10	Clean exposed pump / motor assemblies and equipment areas.		Y	Y	Y	Y
11	Check water make-up system & balance tank including: a) Operation of water make-up solenoids (balance tank); b) Water level sensors & clean if necessary; c) Accuracy of level sensor display; and d) Accuracy of backwash level sensor.		Y	Y	Y	Y
12	Water make-up system & balance tank: Check backwash debris levels.				Y	Y
13	Pool Filtration System: a) Check for leaks. b) Bleed air from filters and report any excessive build up. c) Check operation and pressure lines of gauges.		Y	Y	Y	Y
14	Pool filtration system: Inspect filter lid gaskets.				Y	Y
15	Chemical Dosing System: a) Check system and storage tanks for any leaks. b) Check controller operation incl. logging of alarm limits & probe readings. c) Check operation of non-return valve. d) Check CO2 solenoid flow meter and adjust if necessary.		Y	Y	Y	Y
16	Check water for: a) pH level (7.2-7.6). b) Free chlorine (2-4mg/l depending on pool temperature). c) Total chlorine.		Y	Y	Y	Y

**Disclaimer** -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

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Government of South Australia  
Department of Planning,  
Transport and Infrastructure

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	d) Total dissolved solids. e) Calcium hardness. f) Alkalinity (66-200). g) Pool temperature (28-35 deg C).					
17	Inspect cleaning equipment.		Y	Y	Y	Y
18	Check backwash tanks.		Y	Y	Y	Y
19	Check and clean CO2 withdrawable injection lances.			Y	Y	Y
20	Pump: a) Check lubrication of pump / motor bearings. b) Check and flush pump back-plate flush lines. c) Check motor terminals for tightness. d) Check spring supports and flexible couplings for damage.			Y	Y	Y
21	Clean balance tank strainers (if applicable).			Y	Y	Y
22	Clean chemical dosing pump and fittings.			Y	Y	Y
23	Check rate of CO2 consumption records against expected values for system fault/s.			Y	Y	Y
24	Clean and calibrate pH and chlorine probes.			Y	Y	Y
25	Clean sample filters and probe holders.			Y	Y	Y
26	Check pool blanket operation (if applicable).			Y	Y	Y
27	Service the water heaters or the heat exchangers if applicable to the site.			Y	Y	Y
28	Check and service the ProCal unit as required (if applicable).		Y	Y	Y	Y
29	Check and clean the UV strainer when the pressure differential is greater than 20kPa.			Y	Y	Y
30	Check and service the UV system as required.				Y	Y
31	Measure and record the filter bed depth and top up if required.				Y	Y
32	Replace the sand in the filter.					Y
33	Replace the chemical dosing lines.				Y	Y
34	Record the results in the log book.	Y	Y	Y	Y	Y

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## Special Comments and Technical Data

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- A SERVICE WEEKLY
- B SERVICE MONTHLY
- C SERVICE 6 MONTHLY
- D SERVICE ANNUAL
- E SERVICE EVERY 5 YEARS

ACTIVITIES AND SERVICE FREQUENCIES MAY VARY DEPENDING ON SITE CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS.  
FOR WATER TESTING REFER TO TDS ME164C.  
FOR THE HYDROTHERAPY POOL AT THE RGH SITE REFER TO ME164E.

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