

Hydrotherapy Pool (B, C, D & E service)

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 25/10/2017						
1	Check controls and back flush sand filter manually to check operation.		Y	Y	Y	Y
2	Check solar system for leaks or damage (if applicable).		Y	Y	Y	Y
3	Check for unusual noise and leaks in plant room &/ or roof.		Y	Y	Y	Y
4	Check stock, replenish if required.		Y	Y	Y	Y
5	Check pressure across pumps, UV and filters. Log results and investigate variations.		Y	Y	Y	Y
6	Check control screen for: a) Alarms, adjust if required. b) Pump flows. c) Tank level. d) Makeup valve condition. e) Temperature.		Y	Y	Y	Y
7	Log water meter.		Y	Y	Y	Y
8	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
9	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
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.		Y	Y	Y	Y
12	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
13	Chemical Dosing System: a) Check system and storage tanks for any leaks. b) Check controller operation including logging of alarm limits and probe readings. c) Check operation of non-return valve. d) Check CO2 solenoid flow meter and adjust if necessary.		Y	Y	Y	Y
14	Check water for: a) pH level (7.2-7.6). b) Free chlorine (2-4mg/l depending on pool temperature). c) Total chlorine. d) Total dissolved solids. e) Calcium hardness. f) Alkalinity (66-200). g) Pool temperature (28-35 deg C).		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.

For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia
Department of Planning,
Transport and Infrastructure

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15	Inspect cleaning equipment.		Y	Y	Y	Y
16	Check backwash tanks.		Y	Y	Y	Y
17	Check and clean CO2 withdrawable injection lances.			Y	Y	Y
18	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
19	Clean chemical dosing pump and fittings.			Y	Y	Y
20	Check rate of CO2 consumption records against expected values for system fault/s.			Y	Y	Y
21	Clean and calibrate pH and chlorine probes.			Y	Y	Y
22	Clean sample filters and probe holders.			Y	Y	Y
23	Clean equipment.			Y	Y	Y
24	Check pool blanket operation.			Y	Y	Y
25	Service water heaters.			Y	Y	Y
26	Pool filtration system, replace top 100mm of filter sand and inspect filter lid gaskets.				Y	Y
27	Replace dosing lines.					Y
28	Record results in the log book.		Y	Y	Y	Y

Special Comments and Technical Data

B SERVICE MONTHLY
 C SERVICE 6 MONTHLY
 D SERVICE ANNUAL
 E SERVICE EVERY 2 YEARS
 REFER TO ME164F FOR A SERVICE.
 ACTIVITIES AND SERVICE FREQUENCIES MAY VARY DEPENDING ON
 FOR THE HYDROTHERAPY POOL AT THE RGH SITE REFER TO ME164E.
 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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