

Reverse Osmosis Unit - (D Service)

Last Issue Date: 07/02/2020		Type Of Service				
		A	B	C	D	E
Activity						
1	Change the 5 micron filter cartridge/s if required.				Y	
2	Manually flush the unit.				Y	
3	Check product flow rate and clean system if it falls below 90% of the design output.				Y	
4	Check electrical conductivity and general water quality of product water. *Clean system when conductivity exceeds 10 micro siemens/cm.				Y	
5	Clean the system. Remove the membranes from the system and clean as per manufacturer's recommendations.				Y	
6	Check the condition and operation of the unit including: a) isolating switch and conduit for security of mounting. b) all controls. c) all safety devices. d) all connections for security, tightness, contact and corrosion. e) pumps. f) associated valves and pipework.				Y	
7	Ultra Violet Lamp, if applicable: a) check the condition and operation of the Ultra Violet Lamp. b) if required clean the tubes. c) if required, replace the lamps.				Y	
8	Record the results in the log book.				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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Special Comments and Technical Data

THIS TDS SERVICE SPLIT IS ONLY TO BE USED FOR APPROVED SITES.

REFER TO ME105X FOR THE C AND E SERVICES SPLIT TDS.

REFER TO ME105 FOR THE PRIMARY TDS.

D SERVICE ANNUAL.

GENERAL NOTE ON FREQUENCIES AND ACTIVITIES (WHICH MAY APPLY ACROSS BOTH SPLIT TDSs):

NOTE THAT THE C SERVICE DEFAULT FREQUENCY IS 3 MONTHLY - 6 MONTHLY. THE FREQUENCY OF THIS SERVICE WILL DEPEND ON THE MANUFACTURER'S RECOMMENDATIONS, THE WATER QUALITY AT THE SITE AND WHETHER THE INCOMING WATER IS TREATED. IN EXTREME CONDITIONS IT MAY BE NECESSARY TO REPLACE THE CARTRIDGE/S MONTHLY WHEREAS IN IDEAL CONDITIONS AND FOR CERTAIN MANUFACTURER'S UNITS THESE ACTIVITIES MAY NEED TO ONLY BE DONE ANNUALLY.

FOR HEALTH CARE FACILITIES APPLICABLE STANDARDS ARE AS3551, AS4187 AND EN285. FOR WATER QUALITY REQUIREMENTS REFER TO AS4187 SECTION 7.2.3.1 AND APPENDIX GUIDANCE NOTE A7.2.3.1.

APPLICABLE LEGISLATION: PUBLIC HEALTH (GENERAL) REGULATIONS AND WH&S REGULATIONS.

WHERE SHUT DOWN OF SUPPLY IS REQUIRED FOR INSPECTION, TESTS, OR ANY MAINTENANCE WORK LIAISE WITH THE AGENCIES REPRESENTATIVE IN ARRANGING A SUITABLE TIME TO MINIMISE INTERFERENCE TO THE AGENCIES OPERATIONS.

A SPECIALIST CONTRACTOR IS REQUIRED FOR THIS TYPE OF SERVICE.

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2. If you rely on the information in a TDS you are responsible for ensuring, by independent verification, its accuracy, currency and completeness. DPTI cannot guarantee that the information contained in a TDS meets the standards or requirements of legislative requirements.
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