

Water Filter - Gravity Type

Last Issue Date: 18/02/2015		Type Of Service				
Activity		A	B	C	D	E
1	Check balance tank for - . level and floats operation . mixer function . pH system and pump . lower float switch operation	Y	Y		Y	
2	Check Batch tank operation of- . screw fee . stop float . agitation cycle . flocculation process . drainage to empty	Y	Y		Y	
3	Check screen filter roll, replace if required.	Y	Y		Y	
4	Check operation of filter media and conveyor drive.	Y	Y		Y	
5	Check pumps operation and condition including for any leaks.	Y	Y		Y	
6	Check polymer levels	Y	Y		Y	
7	Check operation of Mag flow meter.	Y	Y		Y	
8	Check side seals on filter media and clean if required.	Y	Y		Y	
9	Check system batch operation from empty to full.		Y		Y	
10	Check impeller, clean required.		Y		Y	
11	Check batching time gives required levels.		Y		Y	
12	Wash batch tank when it is 100mm off the bottom drainage point.		Y		Y	
13	Check belt indexing control for conveyor movement.		Y		Y	
14	Check conveyor drive shearpin overload safety device.		Y		Y	
15	Washdown filter media and side seals and check for wear and tracking.		Y		Y	
16	Check water filter gravity distributor and clean as necessary.		Y		Y	
17	Check all pump and conveyor belt gearbox oil levels and top up as necessary.		Y		Y	
18	Vuum out all solid contents in polymer hopper.				Y	
19	Check screw by manually operating it for several mimutes.				Y	
20	Check shaft is not blocked or worn.				Y	
21	Shut down and clean plant.				Y	
22	Check and replace side media seals if required.				Y	
23	Check pump operation.				Y	
24	Check all timer settings give correct plant operation.				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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		A	B	C	D	E
Activity						
25	Change gearbox oil in all pumps and conveyor drive.				Y	
26	Record results in log book.	Y	Y		Y	

Special Comments and Technical Data

A SERVICE WEEKLY
 B SERVICE MONTHLY
 D SERVICE ANNUAL
 THIS FILTER FOR THE REMOVAL OF PAINT CONTAMINATION.

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