

Grease Arrestor - Dissolved Air Flotation Type

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 18/07/2013						
1	Check sludge blanket including scraper system, particular size and the amount of water being removed with the sludge.	Y	Y	Y	Y	
2	Check discharge water quality.	Y	Y	Y	Y	
3	Check dissolved air contactor pressure.	Y	Y	Y	Y	
4	Check air flow rate	Y	Y	Y	Y	
5	Check air regulator pressure and drain air box.	Y	Y	Y	Y	
6	Drain and clean unit	Y	Y	Y	Y	
7	Empty sludge tank and clean out with warm water.	Y	Y	Y	Y	
8	Check Dosatron -Check operation of solenoid via bypass ON/OFF and control switch. -Remove and check Maric valve and clean if necessary.	Y	Y	Y	Y	
9	Check pH levels in acid and caustic drums.	Y	Y	Y	Y	
10	Remove and clean or replace pH probes as necessary.	Y	Y	Y	Y	
11	Check pump calibration and adjust if necessary.	Y	Y	Y	Y	
12	Drain air compressor		Y	Y	Y	
13	Clean and recalibrate the pH probe		Y	Y	Y	
14	Check gear oil level and top up if required on Scraper, Sludge pump and Air compressor.		Y	Y	Y	
15	Clean sump		Y	Y	Y	
16	Test Electric Shear Pin and record results.		Y	Y	Y	
17	Check automatic operation of system including sludge draw off sequence.		Y	Y	Y	
18	Grease Scraper bearing with the appropriate grease.		Y	Y	Y	
19	Lubricate Scraper chains and sprockets using adhesive lubricant for moving parts.		Y	Y	Y	
20	Check and if necessary adjust Scraper chain tension.		Y	Y	Y	
21	Check and if necessary adjust drive belts on sludge pump and air compressor.		Y	Y	Y	
22	Check pipework, pumps and seals for leaks.		Y	Y	Y	
23	Change air compressor gear oil.			Y	Y	
24	Check condition of equipment for damage and corrosion.				Y	
25	Dissolved Air Contactor - release pressure, turn panel isolator OFF then remove flanges and clear out any sludge build up.				Y	
26	Check recycle pump head seal for wear and clear any blockages in pump head.				Y	
27	Check and tighten any loose fasteners on the Scraper system and guarding.				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

Download Date: 22/12/2020

Grease Arrestor - Dissolved Air Flotation Type

Last Issue Date: 18/07/2013		Type Of Service				
		A	B	C	D	E
Activity						
28	Replace air compressor air filter.				Y	
29	Change gear oil in Scraper drive and Sludge pump.				Y	
30	Record results in log book.	Y	Y	Y	Y	

Special Comments and Technical Data

A SERVICE WEEKLY
 B SERVICE MONTHLY
 C SERVICE 6 MONTHLY
 D SERVICE ANNUAL
 SERVICE FREQUENCY AND ACTIVITIES MAY VARY DEPENDING ON SITE REQUIREMENTS AND MANUFACTURER.
 REFER TO THE MAINTENANCE MANUAL FOR ANY ADDITIONAL DETAILS. REQUIREMENTS.

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

Download Date: 22/12/2020

Conditions of Use

A TDS should be used as a generic guide for Facilities Management Service Providers (FMSP) to deliver Facilities Maintenance Services, specifically Preventative Maintenance in accordance with the DPTI [Agency Work Procedure Manual](#).

Users of a TDS should familiarise themselves with the following **Conditions of Use**:

1. You use the information and data contained in any TDS published by DPTI at your sole risk. DPTI-AGFMA does not have the expertise to provide complete or accurate technical data schedules and provides these technical data sheets merely as a starting point and/or guide.
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.
3. A TDS is not an exhaustive list of tasks or obligations that may be required and is generally generic in nature. DPTI does not oblige the user of a TDS to rely on it to the exclusion of other sources of information. For example, manufacturer's requirements may need to be followed for additional and / or alternative tasks and for additional and / or alternative servicing frequencies. You should always check the primary source of information such as the Australian Standards, manufacturer's specifications, legislation and other standards before undertaking any work to which a schedule may apply.
4. You must apply appropriate risk management principles and carry out all tasks in accordance with obligations under the [Work Health and Safety Act 2012](#).
5. You must not use a TDS unless you meet the specific competency requirements for preventative maintenance servicing works and are capable of applying the TDS to your trade or area of expertise. A TDS is only to be used by people who are specifically instructed by DPTI to use them and only for work undertaken in South Australia.
6. DPTI, its agents, instrumentalities, officers and employees make no representations, express or implied, as to the accuracy of the information, the data contained in a TDS or the suitability of a TDS for a particular purpose.
7. DPTI does not provide legal advice. DPTI accepts no liability, howsoever arising, for any loss resulting from the use of a TDS and any information or data or reliance placed on them.
8. DPTI may change information and data in a TDS without notice.
9. DPTI may revise this disclaimer at any time by updating these Conditions of Use.