

De-humidifier

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 22/11/2017						
1	Isolate and lock out the equipment.			Y	Y	
2	General assembly: a) Check for signs of physical damage; and b) Clean the inside and outside of the unit as required.			Y	Y	
3	Check the condition and fixing of the installed insulation e.g. inside the process air inlet and/or regeneration air inlet and inside the panels. (Look for any condensate that has formed outside the unit).			Y	Y	
4	Clean the Filter Housing and replace the Process and Regeneration Filters if dirty.			Y	Y	
5	Process & Regeneration Air Fans: a) Check for signs of physical damage and clean the motor casing as required; b) Check the security of all electrical connections; c) Check for signs of overheating; and d) Check the Impeller for damage & corrosion.				Y	
6	Check the Drive Belt for signs of damage and incorrect fitting.			Y	Y	
7	Rotor Drive Motor assembly: a) Check the Drive Belt for signs of damage and correct fitting; and b) Check the security of all electrical connections.				Y	
8	Electrical Control Panel and wiring: a) Inspect the components and wiring for signs of damage and overheating; and b) Check the security of all electrical connections.			Y	Y	
9	Regeneration heater: a) Check the security of all electrical connections; and b) Remove any scale deposits or dirt from the bottom of the heater compartment. (If applicable check the Steam Coil).			Y	Y	
10	Desiccant Rotor: a) Check for signs of overheating and blockages; and b) Clean dust from the motor face as required.			Y	Y	
11	Rotor Seal and Flexible Hoses: a) Check for signs of damage and incorrect fitting.			Y	Y	
12	Re-energise the equipment.			Y	Y	
13	Check for air leaks and for correct fitting to the unit.			Y	Y	
14	Check air flows and adjust damper settings as required.				Y	
15	Check internal chambers for dirt and signs of damage.				Y	
16	Humidity and Dew Point Controllers: a) Check the operation of all External Sensors and calibrate to ensure the correct readings are shown; b) Check the operation of the Programmable Relays (if applicable);			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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	c) Check the connection to Modbus (if applicable); and d) Check the Alarm Indicator (if applicable) is operating correctly.					
17	Differential Pressure Switches and Manometers (if applicable): a) Check the operation of the components and calibrate as required; & b) Check the operation of the Electromechanical Control Indicator (if applicable).			Y	Y	
18	Check the operation of the Variable Speed Drive (if applicable).			Y	Y	
19	Check the operation of the Capacity Control (if applicable).			Y	Y	
20	Record all results in the log book / customer service report.			Y	Y	

**Special Comments and Technical Data**

C SERVICE 3 MONTHLY  
D SERVICE ANNUAL

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