

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	

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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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