

Chiller - Air Cooled

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 16/12/2020						
1	Check compressor oil level, adjust if necessary.			Y	Y	
2	Check operation of crankcase heater.			Y	Y	
3	Check all safety devices and controls.			Y	Y	
4	Check operation of chilled water flow switches.			Y	Y	
5	Check temperature controls.			Y	Y	
6	Check and record return and flow chilled water temperatures.			Y	Y	
7	Check and record head, suction and oil pressures.			Y	Y	
8	Check and record chilled water pressure drop across vessels at full flow.			Y	Y	
9	Check refrigerant charge and circuit, especially for leaks.			Y	Y	
10	Check lead / lag sequence and change if applicable.			Y	Y	
11	Check condition and operation of all indicator lamps.			Y	Y	
12	Check recycle timers.			Y	Y	
13	Check and clean water strainers.				Y	
14	Check operation of condenser fan/s.			Y	Y	
15	Check condition of condenser fins & tubing especially for cleanliness and any obstructions.				Y	
16	MOTOR: Check condition and operation of motor including: a) record motor current draw at full operating load and compare with rated output. b) starter contacts. c) overloads. d) electrical connections for security, tightness, contact and corrosion.				Y	
17	Test and analyze refrigerant oil for evidence of contamination and / or deterioration and provide written report. Change oil if necessary. (Label sample with name of installation, plant identification & date).				Y	
18	Check plant and enclosure for cleanliness.				Y	
19	Record the results in the logbook and submit a customer service report to the FMSP.			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

Download Date: 04/11/2021

Special Comments and Technical Data

C SERVICE 3 MONTHLY
D SERVICE ANNUAL

SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON MANUFACTURER'S REQUIREMENTS AND SITE CONDITIONS.

APPLICABLE LEGISLATION: WH&S REGULATIONS.

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