

Absorption Chiller - Steam Driven

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 16/12/2020						
1	Carry out external visual inspection and check for any damage or undue noise or vibration during operation.		Y	Y	Y	
2	Check operation of refrigerant pump.		Y	Y	Y	
3	Check pump purge operation and change oil if necessary.		Y	Y	Y	
4	Measure and record: a) Chiller running hours. b) System temperatures and pressures. c) Chilled water inlet and outlet temperatures.		Y	Y	Y	
5	Check water system interlocks and water circulation equipment for correct operation.			Y	Y	
6	Check all temperature and pressure gauges for correct operation.			Y	Y	
7	Check electrical terminals, switches, contactors, relays etc.			Y	Y	
8	Check all safety controls.			Y	Y	
9	Check magnetic strainer (if applicable).			Y	Y	
10	Check shutdown safety interlocks by stopping machine and observing the shutdown process.				Y	
11	Check refrigerant solution and undertake any tests and analysis required by manufacturer to assess its operation. Include analysis of lithium bromide parameters, solution pH, inhibitor levels, specific gravity and presence of octyl alcohol.				Y	
12	Clean external of chiller of excess grease and oil.				Y	
13	Clean absorber and condenser tubes and repair and replace any if required.				Y	
14	Test bubble leak rate of purge unit and record overall machine leak rate.				Y	
15	Record all results in logbook and submit a customer service report to the FMSP.		Y	Y	Y	

Special Comments and Technical Data

B SERVICE MONTHLY
C SERVICE 3 MONTHLY
D SERVICE ANNUAL

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

APPLICABLE LEGISLATION: MIN. BUILDING STD. MBS 002 - MAINTAINING THE PERFORMANCE OF ESSENTIAL SAFETY PROVISIONS, WH&S REGULATIONS.

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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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