

Refrigeration - Commercial

Last Issue Date: 05/06/2014		Type Of Service				
Activity		A	B	C	D	E
1	Check and record compartments temperature versus set point.		Y	Y	Y	
2	Check door seals.			Y	Y	
3	EVAPORATOR / AIR HANDLING Check condition and operation, including;- - fans. - evaporator coils, especially for cleanliness and obstructions. - condensate tray and drains.		Y	Y	Y	
4	CONDENSER Check condition and operation of condenser, including;- - coils for condition, cleanliness and obstructions. - fixings are secure. - condition and operation of fan, including controls.			Y	Y	
5	REFRIGERANT SYSTEM Check condition and operation, including;- - check and record refrigerant operating pressures and temperatures. - check for refrigerant leaks in components and connections. - check crankcase heaters. - pipework system, especially for secure fixings.			Y	Y	
6	CONTROLS Check condition and operation of all controls, including;- - thermostats and thermostat set points. - safety controls and devices.			Y	Y	
7	ELECTRICAL Check condition and operation of all electrical components including;- - all safety devices. - all connections for security. tightness, contact and corrosion. - relays and contactors. - all overloads and circuit breakers. - all indicator lights. Check compressor and fan motors including record motors current draw at full operating load and compare with rated output.				Y	
8	Temperature Calibration. - Check temperature setting meets required value. - Check accuracy of indicated temperature with a calibrated thermometer. - If temperature variance above 1°C recalibrate temperature sensor where possible. - If equipment can not be recalibrated attach a tag stating the variance.				Y	
9	Record all results in log book.		Y	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

B SERVICE MONTHLY
C SERVICE 6 MONTHLY
D SERVICE ANNUAL

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2 of 3

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