

Air Conditioner - Ducted Packaged Reverse Cycle

Activity		Type Of Service				
		A	B	C	D	E
1	<p>EVAPORATOR / AIR HANDLING</p> <p>Check condition and operation of components, including:</p> <ul style="list-style-type: none"> <li>a) Fans.</li> <li>b) Pulleys.</li> <li>c) Belts.</li> </ul> <p>Especially for alignment, tension and wear.</p>			Y	Y	
2	<p>EVAPORATOR/ AIR HANDLING MEDIUM TO LARGE SIZE UNIT.</p> <p>Check condition and operation of components, including:</p> <ul style="list-style-type: none"> <li>a) Coils.</li> <li>b) Drip tray.</li> <li>c) Condensation pipeworks.</li> </ul>		Y	Y	Y	
3	<p>EVAPORATOR/ AIR HANDLING TERMINAL UNIT.</p> <p>Check condition and operation of components, including:</p> <ul style="list-style-type: none"> <li>a) Coils.</li> <li>b) Drip tray.</li> <li>c) Condensation pipeworks.</li> </ul>				Y	
4	<p>CONDENSER (either air cooled or water cooled)</p> <p>FOR AIR COOLED CONDENSER</p> <ul style="list-style-type: none"> <li>a) Check condition and operation of the fan and controls.</li> <li>b) Fixings are secure.</li> </ul> <p>FOR WATER COOLED CONDENSER</p> <p>Check condition and operation of condenser, including:</p> <ul style="list-style-type: none"> <li>a) Check and record operating, exit and entry water pressures.</li> <li>b) Check and record operating, exit and entry water temperatures.</li> <li>c) All water connections especially for signs of leaks.</li> </ul>			Y	Y	
5	<p>REFRIGERANT SYSTEM</p> <p>Check condition and operation, including:</p> <ul style="list-style-type: none"> <li>a) Check and record refrigerant operating pressures and temperatures.</li> <li>b) Check for refrigerant leaks in components and connections.</li> <li>c) Check crankcase heaters.</li> <li>d) Pipework system especially for secure fixings.</li> </ul>			Y	Y	
6	<p>CONTROLS</p> <p>Check condition and operation of all controls including:</p> <ul style="list-style-type: none"> <li>a) Thermostats and set points.</li> <li>b) Safety controls and devices.</li> </ul>			Y	Y	
7	<p>ELECTRICAL</p> <p>Check condition and operation of all electrical components including:</p> <ul style="list-style-type: none"> <li>a) All safety devices.</li> <li>b) All connections for security, tightness, contact and corrosion.</li> <li>c) Relays and contactors.</li> <li>d) All overloads and circuit breakers.</li> </ul>				Y	

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Government of South Australia  
Department of Planning,  
Transport and Infrastructure

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Last Issue Date: 18/09/2018		Type Of Service				
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<b>Activity</b>						
	e) All indicator lights. f) Check compressor and fan motors including record motors current draw at full operating load and compare with rated output.					
8	DUCTWORK a) Check condition of flexible connections to ductwork. b) Check condition of surface coatings, especially for corrosion.				Y	
9	Record all results in the service sheet and log book.			Y	Y	

**Special Comments and Technical Data**

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B SERVICE MONTHLY  
 C SERVICE 3 MONTHLY  
 D SERVICE ANNUAL  
 REFER TO ME172 FOR THE SERVICE FOR MICROBIAL CONTROL &  
 CLEANING OF FILTERS.  
 SERVICE IS TO BE UNDERTAKEN IN ACCORDANCE WITH AS3666.2.

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