

Air Compressor - Generic Type

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 11/10/2017						
1	Check the oil level in the sump, adjust if required. - Use SAE motor oil only and do not overfill.		Y	Y	Y	
2	Check receiver pressure and pressure reducer output pressures.		Y	Y	Y	
3	Check condensate drain from air receiver and filters.		Y	Y	Y	
4	Check condition and tension of the V-belts, where applicable.			Y	Y	
5	Replace the intake air cleaner cartridge and end felts.			Y	Y	
6	Check motor bearings for any undue noise.			Y	Y	
7	ODOR ACTIVATED CARBON FILTER, where applicable. a) Check efficiency of odor removal. - Replace activated carbon when odor becomes noticeable. - Return used carbon to supplier for re-activation. b) Check filters and seals between filter units for leakage. c) Check filter frames for signs of corrosion or damage.			Y	Y	
8	Check condition & operation of refrigerated air dryer, where applicable.			Y	Y	
9	Check condition and operation of all pressure relief valves including actuating the valve to relieve pressure for 10 seconds.			Y	Y	
10	ELECTRICAL Check condition and operation of all electrical components including: a) All safety devices. b) All connections for security, tightness, contact and corrosion. c) Relays and contactors. d) All overloads and circuit breakers. e) All indicator lights. f) Compressor motor including motor current draw at full operating load and compare with rated input. g) Fan motors.			Y	Y	
11	Check cut in/out pressures of compressor/s.				Y	
12	Check condition and operation of all safety devices.				Y	
13	Select existing lag compressor to the lead position, where applicable.				Y	
14	Check and record each compressors "hours-run" readings.				Y	
15	a) Drain oil, clean out sump and refill with new oil. - Use SAE motor oil only and do not overfill. b) Replace the oil and air filters, if necessary.				Y	
16	Check for leaks in oil and air systems.				Y	
17	DESICCANT AIR DRYER (where applicable): Check: a) Cycle operation.				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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	b) Exhaust mufflers. c) Desiccant. d) Pre-filters. e) Desiccant filters. f) Clean air purge valves.					
18	Check that registration is current (where applicable). See special comments below.				Y	
19	Record all results in log book.		Y	Y	Y	

Special Comments and Technical Data

B SERVICE MONTHLY IF REQUIRED (BY SITE)
 C SERVICE 6 MONTHLY OR 3 MONTHLY FOR HEAVILY USED COMPRESSOR
 D SERVICE ANNUAL
 FOR RECEIVERS OVER 150MPAL CAPACITY INCLUDE INSPECTION
 (ME240) AND REGISTRATION (ME171)

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