

Co-generation Plant

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 07/11/2012						
1	Check oil level and colour. * Change oil after 1000hours running.		Y	Y	Y	
2	Check oil filter - change if necessary.		Y	Y	Y	
3	Check control rods and grease.			Y	Y	
4	Check condition and operation of ignition system.			Y	Y	
5	Check condition of spark plugs, including reset gap.			Y	Y	
6	Check valve clearance.			Y	Y	
7	Check and clean crankcase breather.				Y	
8	Check torsional vibration damper.				Y	
9	Check gas mixing valve for correct operation.				Y	
10	Check and clean mixture intercooler.				Y	
11	Check condition and operation of exhaust gas turbocharger. * only if cylinder head replacement required.				Y	
12	Replace gas filter on module.				Y	
13	Check gas train. * clean & replace diaphragm,only if cylinder head replacement required				Y	
14	Check condition and operation of alternator.				Y	
15	Conduct major inspection and overhaul engine.					Y
16	Provide written report on condition and operation.				Y	Y
17	Undertake activities as required by site.	Y				
18	Record all results in log book.	Y	Y	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: 22/12/2020

## Special Comments and Technical Data

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MAINTENANCE SCHEDULE DEPENDS ON HOURS OF CO-GEN OPERATION.

SUGGESTED SERVICE FOR SYSTEM RUNNING AVERAGE 17HRS PER DAY

B TYPE SERVICE 2 MONTHLY.

C TYPE SERVICE 4 MONTHLY.

D TYPE SERVICE 16 MONTHLY.

E SERVICE OVERHAUL OF SYSTEM AT 40,000 HOURS OF RUNNING.

A SERVICE WEEKLY (INCLUDE ONLY IF REQUESTED BY SITE AND PROVIDE DETAILS OF ACTIVITIES AND TIME TAKEN IN SERVICE REPORT.)

NOTE: SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON MANUFACTURER, MODEL NUMBER AND SITE REQUIREMENTS.

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2 of 3

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