

Steam Boiler - Gas Fired (C & D Services)

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 19/09/2018						
1	Check condition and operation of any fan and airflow interlocks.			Y	Y	
2	Check condition and operation of all safety valves, especially fuel shut-off valves for leakage.			Y	Y	
3	Check condition and operation of start fire interlock.			Y	Y	
4	Check condition and operation of steam pressure interlock.			Y	Y	
5	Remove water-level devices, disassemble, check chambers and valves. Reassemble and check operation.			Y	Y	
6	Check main gas filter and high and low fuel pressure interlocks.			Y	Y	
7	Check and clean fuel filters, where fitted.			Y	Y	
8	Check and clean water filters, where fitted.			Y	Y	
9	Check the quality of feedwater and boiler water.			Y	Y	
10	Check the feedwater pump, especially for: a) Operating pressure. b) Condition and signs of wear.			Y	Y	
11	Check condition and operation of all controls, including all electrical equipment and wiring.			Y	Y	
12	Check condition and operation of all instruments.			Y	Y	
13	Clean and examine the boiler internally for scale, corrosion and defects.			Y	Y	
14	Startup and check all components for: a) Correct operation and sequence. b) Leaks or loose connections. c) Correct calibration and adjustment.			Y	Y	
15	Carry out combustion efficiency test and adjust to achieve maximum efficiency.			Y	Y	
16	Monitor and record setpoint pressures.			Y	Y	
17	Confirm that the boiler alarms are going out to the service personnel via the paging system.			Y	Y	
18	Carry out daily / weekly / monthly activities as required by site.			Y	Y	
19	EXPANSION VESSEL, if applicable:			Y	Y	
20	Remove water-level devices, disassemble, check chamber and valves, including safety valves.			Y	Y	
21	Check gaskets and renew as required.			Y	Y	
22	Reassemble and check operation.			Y	Y	
23	Provide a written report on the condition and operation of the Boiler and Expansion Vessel (if applicable), including details of yearly maintenance, and any additional				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

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	maintenance undertaken.					
24	Record all the results in the log book.			Y	Y	

Special Comments and Technical Data

C SERVICE 3 MONTHLY
 D SERVICE ANNUAL
 USE ME94B FOR THE DAILY, WEEKLY, MONTHLY SERVICES.
 THIS SERVICE SPLIT IS TO BE DONE ONLY FOR APPROVED SITES.
 REFER TO TDS ME94 FOR THE PRIMARY TDS.
 USE ME238 FOR THE ANNUAL INDEPENDENT INSPECTION.
 BOILERS WITH A HAZARD LEVEL OF A, B OR C (REFER AS4343)
 REQUIRE REGISTRATION - REFER ME171A.
 SERVICING ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON
 SITE CONDITIONS & MANUFACTURER'S RECOMMENDATIONS.
 SERVICING TO BE DONE IN ACCORDANCE WITH AS1228, AS2593,
 AS3788, AS3873 AND SA WH&S ACT.
 AS2593, TABLE 1 PROVIDES MAINTENANCE PARAMETERS.

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