

Steam Boiler - Gas Fired

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 19/09/2018						
1	Remove water level devices, disassemble, check the chambers & valves. Reassemble & check the operation.			Y	Y	
2	Check condition and operation of any fan and airflow interlocks.		Y	Y	Y	
3	Check condition and operation of all safety valves, especially fuel shut-off valves for leakage.		Y	Y	Y	
4	Check condition and operation of the start fire interlock.		Y	Y	Y	
5	Check condition and operation of the steam pressure interlock.		Y	Y	Y	
6	Check the 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 & examine the boiler internally for scale, corrosion & 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	Undertake daily activities as required by site.	Y	Y	Y	Y	Y
18	Undertake weekly activities as required by site.	Y	Y	Y	Y	
19	Confirm that the boiler alarms are going out to the service personnel via the paging system.	Y	Y	Y	Y	
20	EXPANSION VESSEL, if applicable:			Y	Y	
21	Remove water-level devices, disassemble, check chamber and valves, including safety valves.			Y	Y	
22	Check gaskets and renew as required.			Y	Y	
23	Reassemble and check operation.			Y	Y	
24	Provide a written report on the condition and operation of the Boiler and Expansion				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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	Vessel (if applicable), including details of yearly maintenance, and any additional maintenance undertaken.					
25	Record all the results in the log book.	Y	Y	Y	Y	Y

**Special Comments and Technical Data**

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E SERVICE DAILY AND ACTIVITIES SITE SPECIFIC  
 A SERVICE WEEKLY AND ACTIVITIES SITE SPECIFIC  
 B SERVICE MONTHLY / C SERVICE 3 MONTHLY / D SERVICE ANNUAL  
 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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