

Steam Boiler - Electric Powered

Last Issue Date: 14/06/2018		Type Of Service				
Activity		A	B	C	D	E
1	a) Remove water level devices, disassemble, check chambers and valves. b) Reassemble and check operation.				Y	
2	Check condition and operation of any fan and airflow interlocks.				Y	
3	Check condition and operation of all safety valves.				Y	
4	Check condition and operation of start fire interlock.				Y	
5	Check condition and operation of steam pressure interlock.				Y	
6	Check and clean water filters (where fitted).				Y	
7	Check the quality of feedwater and boiler water.				Y	
8	Check feedwater pump, especially for: a) Operating pressure. b) Condition and signs of wear.				Y	
9	Check condition and operation of all controls, including all electrical equipment and wiring.				Y	
10	Confirm that the boiler alarms are going out to the service personnel via the paging system or other as applicable.				Y	
11	Check condition and operation of all instruments.				Y	
12	Check condition of heating elements.				Y	
13	Clean and examine the boiler internally for scale, corrosion & defects.				Y	
14	Start up and check all components for: a) Correct operation and sequence. b) Leaks or loose connections. c) Correct calibration and adjustment.				Y	
15	Provide written report on condition and operation.				Y	
16	Record all results in the logbook.				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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Special Comments and Technical Data

D SERVICE ANNUAL - MAX. (FOR ALL ELECTRIC BOILERS WITH AN ELEMENT THAT FAILS ON LOW WATER OR FOR ELECTRIC BOILERS WITH AN ELEMENT THAT MAY NOT FAIL ON LOW WATER WITH MAX. POWER OUTPUT OF 250KW & MAX. DESIGN PRESSURE OF 2.5MPA). USE ME171A FOR THE REGISTRATION (THIS IS 5 YEARLY) USE ME238 FOR THE ANNUAL INDEPENDENT INSPECTION. SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON SITE REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS. SERVICING TO BE DONE IN ACCORDANCE WITH AS1228, AS2593 AND AS3788 AND AS3873. AS2593, TABLE 1 PROVIDES MAINTENANCE PARAMETERS.

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