

Warm Water Non-Recirc Gas System Over 125L(C,D,E)

Activity		Type Of Service				
		A	B	C	D	E
Last Issue Date: 07/12/2020						
1	This TDS excludes activities for thermostatic mixing valves and tempering valves. For these components generic TDS PL39: Thermostatic Mixing Valves and Tempering Valves or PL73: Electronic Thermostatic Mixing Valve are to be scheduled.					
2	Record water storage temperature and ensure it is set at 63degC. NOTE: Do not increase storage temperature where this can result in scalding temperatures from any outlet, report these systems immediately to the Facility Manager.			Y	Y	Y
3	Check cleanliness and mechanical condition of system.			Y	Y	Y
4	Check operation of all safety valves and devices.			Y	Y	Y
5	Check unit for damage or leaks.			Y	Y	Y
6	Check condition and operation of hot water service including:- - stainer / filter - ignition system - pilot light - gas pressure / flow - burner operation for correct gas / air mixture to ensure maximum efficiency. - flue, especially for any obstructions and cleanliness			Y	Y	Y
7	Check safety tray and overflow, if fitted.			Y	Y	Y
8	Water leak sensor shut-off valve, if installed: a) Check the condition of the valve, sensor and cabling. b) Test the valve in accordance with the manufacturer's instructions. c) Check the visual and/or audible alarms as applicable. d) Replace the batteries annually or when the battery alarm is activated.			Y	Y	Y
9	Decontaminate fittings by running outlets for 10(5) minutes with water at 60(70) degrees respectively. If volume of water insufficient use chlorine solution as detailed in the Guideline for the control of Legionella.(Refer to site system plan to help in locating them)				Y	Y
10	Measure and record water temperature from outlets (Refer to site system plan to help in locating them) inform site of any outlet/s where the temperature of the water is inappropriate to its use.			Y	Y	Y
11	Obtain 2 water samples from different parts of the system one being the furthest outlet from the water heater and test both samples in a NATA certified laboratory for Total Bacteria and Legionella. (Testing frequency can be increased depending on site requirements).			Y	Y	Y
12	Thoroughly clean system if inspection reveals sludge, slime, scale, foam, rust, dirt or other impurities of foreign material present in the system.					Y
13	Replace sacrificial anode if required. label with a permanent marker on the external casing of the heater when the sacrificial anode is replaced.					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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14	Note: The Facility Manager to arrange an independent audit of the system. (For audit scope refer to SA Health Warm water system Legionella Regulations compliance inspection report form.)				Y	
15	Record the results in the logbook and submit a Customer Service Report to the FMSP.			Y	Y	Y

Special Comments and Technical Data

C SERVICE 6 MONTHLY

D SERVICE ANNUAL

E SERVICE:

- CLEANING TO BE UNDERTAKEN WHEN REQUIRED AND TO BE COSTED SEPARATELY.

- REPLACE THE SACRIFICIAL ANODE WHEN RECOMMENDED BY THE MANUFACTURER FOR THAT TYPE & MODEL OR REQUIRED.

THIS TDS EXCLUDES ACTIVITIES FOR THERMOSTATIC MIXING VALVES AND TEMPERING VALVES. FOR THE MAINTENANCE OF THEM REFER TO GENERIC TDS PL39: THERMOSTATIC MIXING VALVES AND TEMPERING VALVES OR PL73: ELECTRONIC THERMOSTATIC MIXING VALVE ONE OF WHICH MUST BE SCHEDULED IN CONJUNCTION WITH THIS TDS.

SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON MANUFACTURER'S REQUIREMENTS AND SITE CONDITIONS INCLUDING WATER QUALITY.

REPORT ANY REQUIRED REMEDIAL WORK ON THE CUSTOMER SERVICE REPORT AND NOTIFY THE FMSP.

INFORM FACILITY MANAGER IF SYSTEM HAS CIRCULATING PUMP.

PUBLIC HEALTH (LEGIONELLA) REGULATIONS, THE OTR AND SA HEALTH, THE GUIDELINES FOR THE CONTROL OF LEGIONELLA (SA HEALTH) and enHEALTH GUIDELINES FOR LEGIONELLA CONTROL. AS3666.2, AS3666.3, SAA/SNZ HB32, AS3896, AS4276.3.2, AS3500.1 & AS3500.4

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