

Warm Water Ablut Syst - Non Recirc Instant Gas

| Last Issue Date: 07/12/2020 |   | Type Of Service |   |   |   |   |
|-----------------------------|---|-----------------|---|---|---|---|
|                             |   | A               | B | C | D | E |
| Activity                    |   |                 |   |   |   |   |
| 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                           | Check temperature of water at heater prior to any tempering and if necessary reset to 63degC.<br>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 | Y |
| 3                           | Check cleanliness and mechanical condition of system  |                 | Y | Y | Y | Y |
| 4                           | Check condition and operation of all safety valves and devices  |                 |   | Y | Y | Y |
| 5                           | Check flue, especially for any obstructions   |                 |   | Y | Y | Y |
| 6                           | Check unit for damage or leaks  |                 |   | Y | Y | Y |
| 7                           | Check condition and operation of hot water service including:-<br>- strainer / filter<br>- ignition system<br>- pilot light<br>- gas pressure flow<br>- burner operation for correct gas / air mixture to ensure maximum efficiency   |                 |   | Y | Y | Y |
| 8                           | 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 Guidelines for the control of Legionella (Refer to site system plan to help in locating them) |                 |   | Y | Y | Y |
| 9                           | 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 |
| 10                          | 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 |
| 11                          | Thoroughly clean system if inspection reveals sludge, slime, scale, foam, rust, dirt, dust or other impurities of foreign material present in the system  |                 |   |   |   | Y |
| 12                          | All outlets that are not used frequently to be flushed weekly at full flow for 20 seconds, and all outlets on individual branches to be flushed out simultaneously (Refer to site system plan to help in locating them).  | Y               |   |   |   |   |
| 13                          | Note: The Facility Manager to arrange an independent audit of the system. (For audit scope refer to the SA Health Warm water system Legionella Regulations compliance inspection report form.)  |                 |   |   | Y |   |
| 14                          | Record the results in the logbook and submit a Customer Service Report to the FMSP.   | 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.



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## Special Comments and Technical Data

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A SERVICE WEEKLY AND EXPECTED TO BE UNDERTAKEN BY SITE

B SERVICE MONTHLY

C SERVICE 6 MONTHLY

D SERVICE ANNUAL

E SERVICE:

- CLEANING TO BE UNDERTAKEN WHEN REQUIRED

- 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 PL058W.

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

INFORM THE FMSP IF THE SYSTEM HAS A CIRCULATING PUMP.

- FOR THE ANNUAL INSPECTION (INDEPENDENT AUDIT) OF THE SYSTEM USE PL72.

- FOR THE REGISTRATION OF THE SYSTEM USE PL56.

APPLICABLE LEGISLATION, STANDARDS AND GUIDELINES:

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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