

<b>Test Code Sheet Number</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>
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WRAS TEST &amp; ACCEPTANCE CRITERIA

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TEST CODE SHEET

**1. TYPE OF TEST(S)**

Flow Test.

**2. WATER REGULATIONS REQUIREMENTS FOR FITTINGS**Schedule 2

24. No supply pipe or secondary circuit shall be permanently connected to a closed circuit for filling a heating system unless it incorporates a backflow prevention device in accordance with a specification approved by the regulator for the purposes of this Schedule.

**3. BRITISH STANDARDS OR WATER SPECIFICATION, DEEMED TO SATISFY WATER REGULATIONS REQUIREMENTS**

- 3.1 Fittings with 'kitemarks' which are deemed to satisfy the requirements of regulations are listed in the directory.

**4. TEST PROCEDURE**

- 4.1 Tests are applicable to the following fittings:

**SINGLE FEED, MAINS WATER SUPPLY PRESSURE, UNVENTED HOT WATER STORAGE SYSTEM****(A) SINGLE FEED, MAINS WATER SUPPLY PRESSURE, UNVENTED HOT WATER STORAGE SYSTEM****TEST METHOD**

Carry out the following procedure on the indirect and direct units and packages.

1. Ensure required equipment is within calibration. Record the equipment used.
2. Add 0.5l of fluroscene into the primary side of the cylinder.
3. Install the apparatus as stated in the manufacturers instruction manual and Diagram 1 (for indirect apparatus) and Diagram 2 (for direct apparatus).
4. Open the stop valve to the apparatus under test and fill the apparatus with water.
5. Open the spherical valve on the hot water outlet until water appears.
6. Ensure flow meter is working.
7. Open and adjust the spherical valve on the hot water outlet to obtain a flowrate of 1.24 ( $\pm$  0.2) litres per minute.
8. Allow the water to discharge for 30  $\pm$  5 seconds.
9. Shut off spherical valve.
10. Open the spherical valve on the hot water outlet to obtain a flowrate of 0.6 ( $\pm$  0.1) litres per minute.
11. Allow the water to discharge for 30  $\pm$  5 seconds.
12. Shut off the spherical valve.
13. Open the spherical valve on the hot water outlet to obtain a flowrate of 11 ( $\pm$  0.5) litres per minute.
14. Allow the water to discharge for 30  $\pm$  5 seconds.
15. Shut off spherical valve.

**5. ACCEPTANCE CRITERIA**

No mixing of the primary and secondary waters shall occur. This is confirmed by checking that the water discharged from the hot water outlet is not contaminated with fluroscene.

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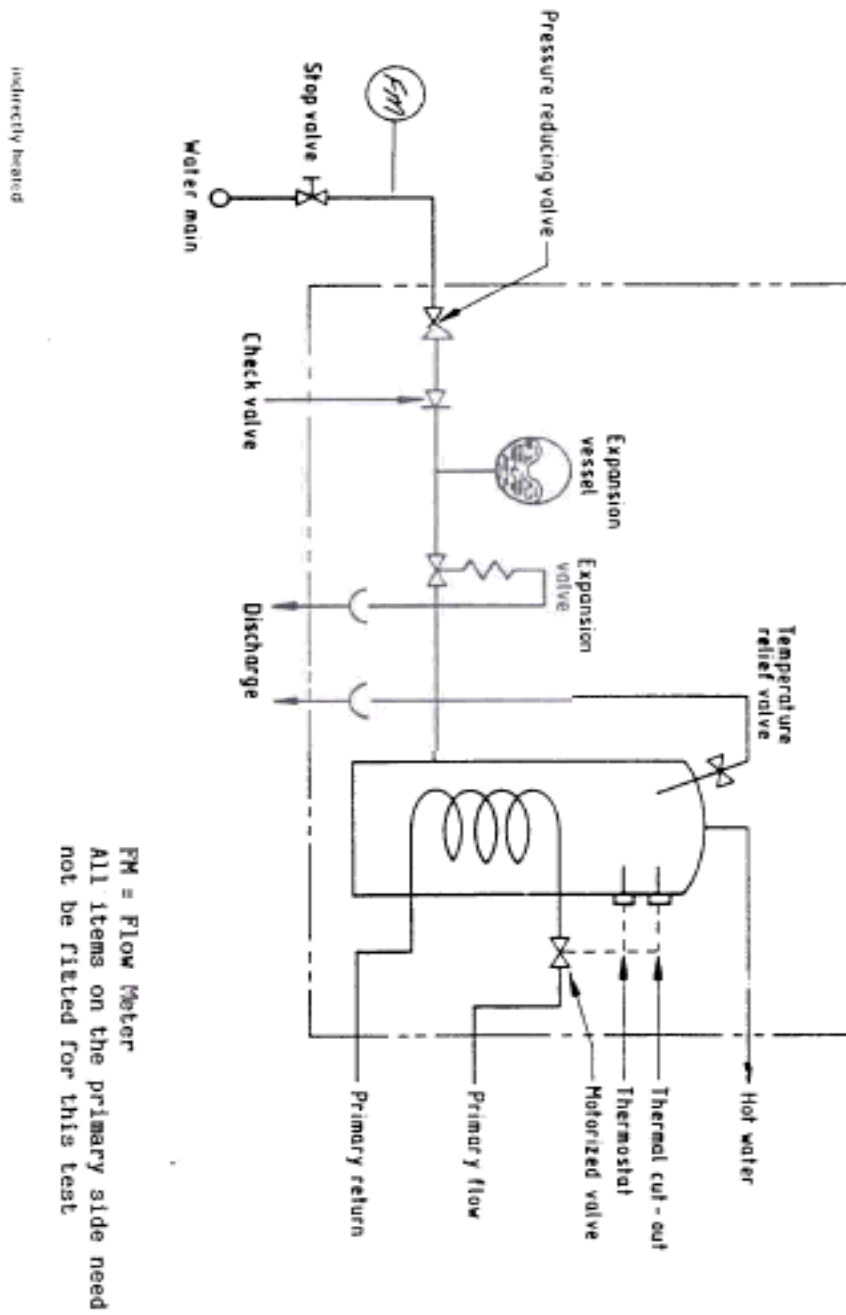


DIAGRAM 1.

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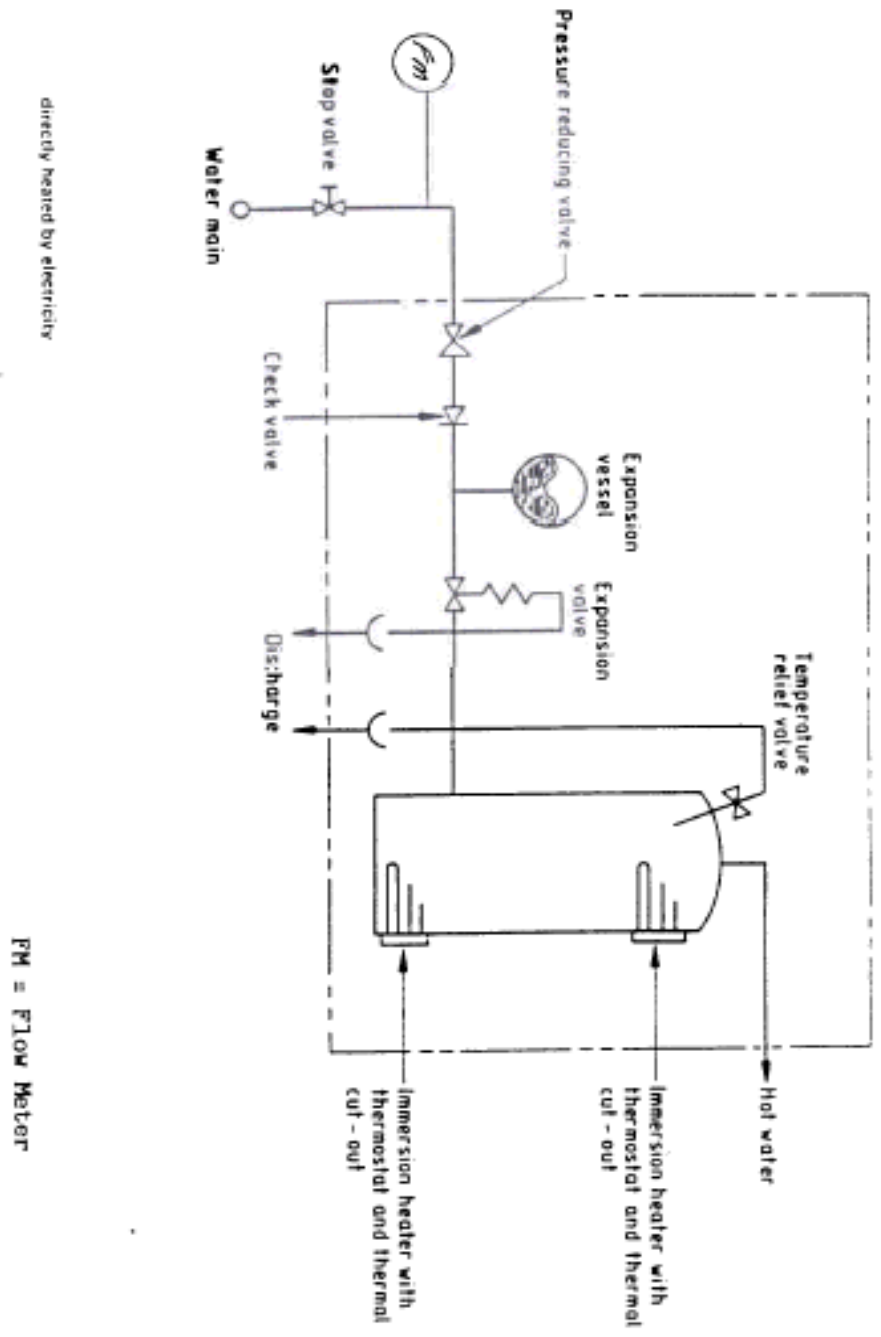


DIAGRAM 2.