

Test Code Sheet Number	2	2	1	2	19
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WRAS TEST & ACCEPTANCE CRITERIA

Issue No: 1
Date of issue: July 2000

Sheet 1 of 2

TEST CODE SHEET

1. TYPE OF TEST(S)

Opening pressure.

2. WATER REGULATIONS REQUIREMENTS FOR FITTINGSSchedule 2

15-(1) every water system shall contain an adequate device or devices for preventing backflow of fluid from any appliance, fitting or process from occurring.

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 PROCEDURENote Unless otherwise stated the temperature of the test fluid shall be $20 \pm 10^{\circ}\text{C}$.

4.1 Tests applicable to the following:-

PRESSURISED AIR INLET VALVE LA

DN15 to DN50.

Devices for the prevention of contamination by backflow.

(A) **PRESSURISED AIR INLET VALVE LA** (Derived from TC 164 WG4 W1 D58. Clause 11.7)
DN15 to DN50.**TEST METHOD****APPARATUS** The following apparatus is required.

A supply of water to achieve the test flow rates at the required temperature/ and pressure.

Flow meter, Sight glass, Vacuum supply and Scale, graduated in mm.

Pressure gauges, Fouling wire, Control valves, Transparent hose, Water reservoir, Counting device and Water trap.

PROCEDURE The procedure shall be as follows:-

- (1) Mount the device in the test system in its normal working position.
- (2) Ensure that the device and the pipework is full of water.
- (3) Isolate the inlet and outlet of the pipework.
- (4) Slowly apply a vacuum from the top of the pipework, up to a maximum of 10mm Hg. Note the vacuum applied at the moment when the air inlet valve opens.

5. ACCEPTANCE CRITERIA

The opening pressure of the air inlet valve must be less than 100mm Hg.

Test Code					
Sheet	2	2	1	2	19
Number					

Issue No: 1
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Sheet 2 of 2

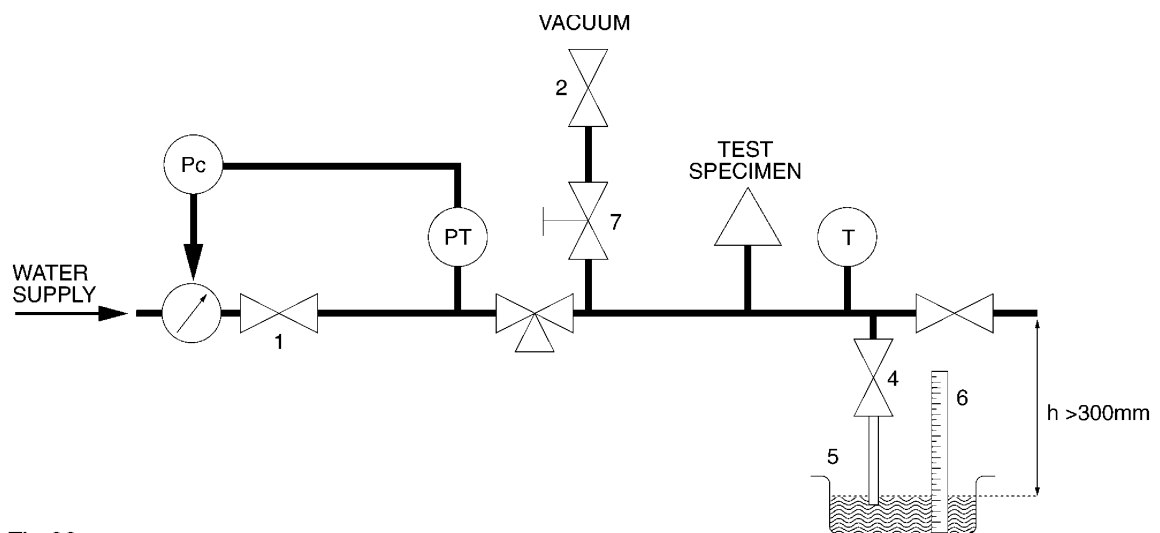


Fig 82