TEST CODE SHEET

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1. TYPE OF TEST(S)

Vacuum test.

2. WATER REGULATIONS REQUIREMENTS FOR FITTINGS

Schedule 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 PROCEDURE

Note Unless otherwise stated the temperature of the test fluid shall be 20 ± 10°C.

4.1 Tests applicable to the following:-

PIPE INTERRUPTER WITH PERMANENT ATMOSPHERIC VENT DC
DN10 to DN32.
Devices for the prevention of contamination by backflow.

(A) PIPE INTERRUPTER WITH PERMANENT ATMOSPHERIC VENT DC
(Derived from PRTC 164 W1 114 : 1998. Clause 11.3)
DN10 to DN32.

TEST METHOD

APPARATUS The following apparatus is required.

Vacuum supply

Scale rule

Vacuum gauges

Control valves

Transparent tube, water reservoir and water trap.

PROCEDURE The procedure shall be as follows:-

(1) Mount the device in the test system in its normal working position. (Reference Figure 58).

(2) Open the full-way valve within 1 second so that the absolute pressure, below 50 KPa (0.5 bar), is applied to the pipe interrupter for at least 5 seconds.

(3) Record the water column height in the transparent tube.

5. ACCEPTANCE CRITERIA

The water column in the transparent tube shall not exceed 50mm.

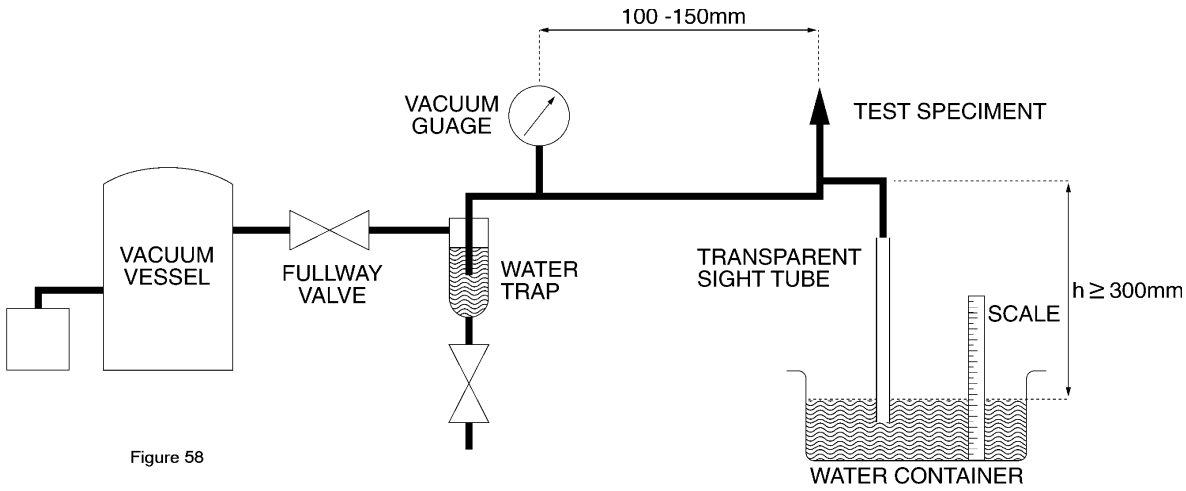

Figure 58

h : distance between the edge at the inlet of the device and the water level