TEST CODE SHEET

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1. TYPE OF TEST(S)

Leaktightness 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:-

ANTI VACUUM VALVE
DN8 to DN50.
Devices for the prevention of contamination by backflow.

(A) ANTI VACUUM VALVE (Derived from prTC W1 111 : 1998. Clause 11.2)
DN8 to DN50.

TEST METHOD

APPARATUS The following apparatus is required. (Reference Figure 44).

A supply of water.

Scale rule graduated in mm.

Control valves, transparent hose.

PROCEDURE The procedure shall be as follows:

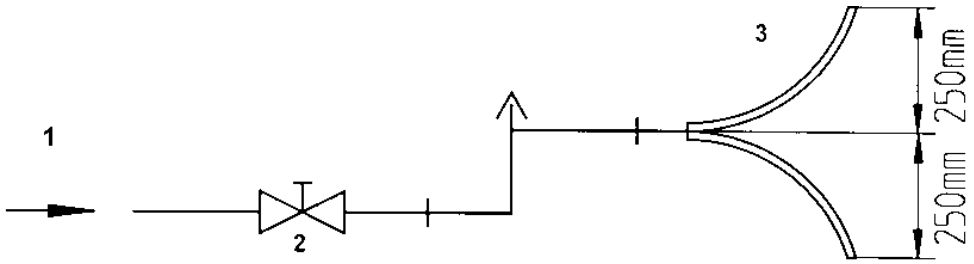
(1) Mount the device in the test system in its normal working position. (Reference Figure 44).

(2) Adjust the flow of water so that the anti-vacuum valve allows air to enter when the transparent hose is lowered.

(3) Raise and lower the hose a total of 10 times by 250mm from its origin position, and with a velocity of 0.25 m/s (± 0.1 m/s).

5. ACCEPTANCE CRITERIA

No water shall issue from the air inlet ports during any of the 10 cycles.



Key

1 Water supply
2 Valve
3 Flexible hose

Figure 44