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:-

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 11.3)
DN15 to DN50.

TEST METHOD

APPARATUS The following apparatus is required.

A supply of water to achieve the test flow rates.

Scale, 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 78).

(2) Open the control valve at the water inlet and purge the system of air .

(3) Adjust the flow of water so that when the transparent hose is lowered, the test device allows air to enter the downstream part of the system.

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

5. ACCEPTANCE CRITERIA

No water shall leak out of the air inlet parts during any of the 10 cycles.

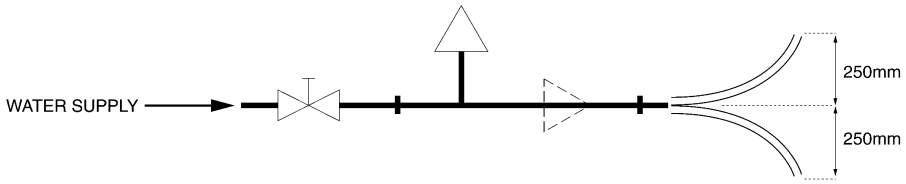

FIG 78