TEST CODE SHEET

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1. TYPE OF TEST(S)

Body strength.

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 TC164 WG4 W1 D58. Clause 11.2)
DN15 to DN50.

TEST METHOD

APPARATUS The following apparatus is required.

A supply of water to achieve the test flow rates.

An isolating valve '1' at the water inlet.

A set of adaptors '2'.

Pressure gauge 'P1', Isolating valve '3' and a drain valve.

PROCEDURE The procedure shall be as follows:-

(1) Mount the device in the test system in its normal working position. (Reference Figure 77).

(2) Open valves '1' and '3', purging the air from the test rig by allowing water to pass through the rig.

(3) After removing all air from the test rig, close valve '3' and gradually apply cold water through the inlet of the test device to a static pressure of 25 ± 1 bar. Hold for a period of 5 minutes ±. 30 seconds. (Reference setting-up procedure 1-50-61).

(4) Close valve '1'. Open valve '3' slowly to reduce the pressure in the test device.

5. ACCEPTANCE CRITERIA

There shall be no leakage, breakage or permanent deformation of the device.

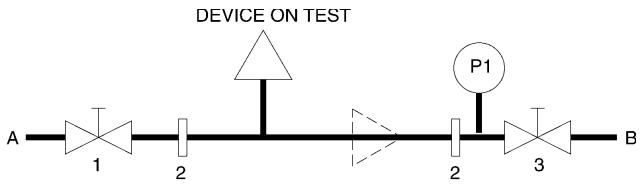

FIG 77