TEST CODE SHEET

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1. TYPE OF TEST(S)

Leaktightness of the downstream check valve. High pressure.

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:-

NON-VERIFIABLE DISCONNECTOR CA
Class B valves.
DN8 to DN50 for Class A valves.
Devices for the prevention of contamination by backflow.

(A) NON-VERIFIABLE DISCONNECTOR CA (Derived from prEN W1097 C25: 1999. Clause 9.5.1)
Class B valves.
DN8 to DN50 for Class A valves.

TEST METHOD

APPARATUS The following apparatus is required.

A supply of water to achieve the test pressure.

Pressure gauges.

PROCEDURE The procedure shall be as follows:

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

(2) Downstream of the device apply a pressure of 16 bar ± 0.5 bar for Class A devices, or a pressure of 6 bar ± 0.5 bar for Class B devices, with water at a temperature 20 ± 10°C. (Reference setting-up procedure 1-50-61).

(3) Hold the pressure for 2 minutes ± 10 seconds.

(4) Isolate the device for 10 minutes ± 30 seconds. .

5. ACCEPTANCE CRITERIA

No leakage or permanent deformation or deterioration of the downstream check valve shall occur.