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TEST CODE SHEET

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 $20 \pm 10^{\circ}\text{C}$

4.1 Tests applicable to the following:-

CHECK VALVES

DN6 to DN250.

Devices for the prevention of contamination by backflow.

(A) **CHECK VALVES** (Derived from prEN 164167 W1 108. Clause 7.4)
DN6 to DN250.

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) Purge the system of air.
- (3) Gradually apply a water pressure through the inlet of the check valve, over a period of 30 seconds, up to a static pressure of $25 \text{ bar} \pm 1 \text{ bar}$. (Reference setting-up procedure 1-50-61).
- (4) Hold at this pressure for 5 minutes – 0 + 10 seconds.

5. **ACCEPTANCE CRITERIA**

There shall be no breakage, leakage or permanent deformation of the body of the check valve.