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TEST CODE SHEET

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1. **TYPE OF TEST(S)**

Pressure fluctuation.

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**

4.1 Tests applicable to the following:-

Note Unless otherwise stated the temperature of the test fluid shall be  $20 \pm 10^{\circ}\text{C}$ .

**REDUCED PRESSURE ZONE (RPZ) VALVE BA**

DN8 to DN250.

Devices for the prevention of contamination by backflow.

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(A) **REDUCED PRESSURE ZONE (RPZ) VALVE BA** (Derived from prEN 12729. Clause 9.6.6)  
DN8 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 on the RPZ test rig, in its normal working position. (Reference setting-up procedure 1-50-75).
- (2) For each of the following pressures 1.75, 3, 6 & 10 bar. Apply the given static pressure upstream of the device  $\pm 2\%$ .
- (3) In a time of 10 seconds, decrease this set pressure by 0.1 bar.

5. **ACCEPTANCE CRITERIA**

For an upstream pressure decreasing by 0.1 bar, no discharge of water from the relief valve shall occur.