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

Visual Inspection - compatibility of cartridge and housing dimensions, sealing etc.

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 11

..... check valve means a mechanical device which - (a) by means of a resilient elastic seal or seals permits water to flow in one direction only and is closed when there is no flow; and (b) (i) is resistant to corrosion, (ii) is immune from or resistant to, dezincification, and (iii) will continue to operate at a continuous water temperature not exceeding 65°C, and (iv) when shut will prevent the passage of water from inlet to outlet where the water pressure at the valve inlet does not exceed 10mbar;

3. **BRITISH STANDARDS OR WATER SPECIFICATION, DEEMED TO SATISFY BYELAW REQUIREMENTS**

(See Water Supply Byelaw Guide)

3.1 Fittings with 'kitemarks' which are deemed to satisfy the requirements of byelaws are listed in the directory.

4. **TEST PROCEDURE**

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

4.1 Tests applicable to the following fittings-

DEVICES FOR THE PREVENTION OF CONTAMINATION BY BACKSIPHONAGE

Check valve cartridges, removable/renewable
- In separate body (housings (single, double, combined, CTAs etc)

(A) **CHECK VALVE CARTRIDGES**

TEST METHOD

All check valve cartridges which are removable/renewable shall meet the following requirement;

The check valve cartridge and its body housing shall be inspected to establish the means of retaining the cartridge within the housing.

5. **ACCEPTANCE CRITERIA**

The means of retaining the cartridge within the housing shall be adequate to ensure that the cartridge is not displaced under any pressure or flow conditions during testing.