TEST & ACCEPTANCE CRITERIA

Issue No: 3
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Sheet 1 of 1

TEST CODE SHEET

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1.   TYPE OF TEST(S)

Closure under low downstream pressure.

2.   BYELAW REQUIREMENT FOR FITTINGS

This TCS replaces the original issue dated January 1990 and covers fittings of various types for use in applications other than as backflow preventiion devices under Byelaw 11. As such, there are no specific Byelaw requirements for this test.

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

Whilst there are various BS's applicable it is unlikely that fittings submitted in the category covered by this TCS will be claimed to comply with a relevant BS.

4.   TEST PROCEDURE

Note   Unless stated otherwise the temperature of the test fluid shall be 20 ± 10°C.

4.1   **Test(s) applicable to the following fittings :**

NON-RETURN DEVICES

-    Non-return valves (various types) for use in applications other than as backflow prevention devices under the Byelaw requirements.

(A)   NON-RETURN VALVES

TEST METHOD

The test below shall be carried out on the complete non-return valve assembly with no connection to a water supply on the upstream side of the assembly.

Connect the outlet of the non-return valve to a vertical transparent tube at least 1 metre in length. Fill the tube with water to a height of 1 metre (± 10%), therefore applying a head of water to the downstream side of the valve assembly. Note the temperature of the water used to fill the tube, which shall be within the limits 20 ± 10°C. Mark the waterline on the tube side. Leave the tube open to the atmosphere and maintain this set-up (without adding water to the tube) for 24 hours ± 30 minutes.

5.   ACCEPTANCE CRITERIA

There shall be no visible indication of leakage from the fitting during the above test and the temperature of the water in the tube shall be within the limits 20 ± 10 °C. The fitting shall also meet the requirements of TCS 1111.8.

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Prepared by .... Approved by..................................... Issued by ....