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TEST & ACCEPTANCE CRITERIA

Issue No: 3
Date of Issue: March 1998

Sheet 1 of 1

TEST CODE SHEET

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

Closure under high downstream pressure.

2. **BYELAW REQUIREMENT FOR FITTINGS**

This TCS replaces the original issue dated July 1984 and covers fittings of various types for use in applications other than as backflow prevention 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 $20 \pm 10^{\circ}\text{C}$.

4.1 Tests applicable to the following fittings:

NON-RETURN DEVICES

- various types, for use in applications other than as backflow prevention devices under the Byelaws.

(A) **NON-RETURN DEVICES**

TEST METHOD

With the inlet of the fitting open to atmosphere a hydraulic pressure shall be applied to the outlet of the fitting. This pressure shall be 1.5 times the maximum working pressure nominated by the manufacturer (± 0.5 bar in the range 4 bar to 30 bar). The specified test pressure shall be raised and shall be maintained at the level specified for one minute ± 10 seconds for fittings up to and including 50mm dia. nom.bore and for 15 minutes ± 30 seconds for fittings above 50mm dia. nom. bore.

5. **ACCEPTANCE CRITERIA**

There shall be no visible indication of leakage from the inlet of the fitting during the above test. The fitting shall also meet the requirements of TCS 1111.11.