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WBS TEST & ACCEPTANCE CRITERIA PD.

Issue No: 2  
Date of issue: January 1990

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TEST CODE SHEET

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

Operating efficiency

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 44

Every ..... device installed for controlling the inflow of water ..... shall be capable of controlling the flow of water.....

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

At present there are no specific British Standards covering these requirements.

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

4. **TEST PROCEDURE**

4.1 Tests applicable to the following fittings -

**SWITCHING DEVICES**

- electrical, hydraulically operated.

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(A) **SWITCHING DEVICES**

TEST METHOD

Connect the fitting to a water supply that can be controlled in pressure and temperature, observing any specific installation instructions supplied by the manufacturer. Using water at ambient temperature, or the maximum operating temperature specified by the manufacturer  $\pm 5^{\circ}\text{C}$ , increase the pressure gradually from zero to the maximum operating pressure specified by the manufacturer ( $\pm$  WBS pressure tolerances), noting the pressure at which the fitting actuates. Reduce the pressure from the maximum gradually down to zero, again noting the pressure at which the fitting actuates. Repeat the cycle ten times.

5. **ACCEPTANCE CRITERIA**

The fitting shall actuate at the design operating pressure as specified by the manufacturer, within the WBS pressure tolerances.

The fitting shall also be capable of meeting the acceptance criteria of the appropriate porosity test for those parts of the body of the fitting subjected to water pressure under operating conditions.