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TEST CODE SHEET

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

Accelerated ageing.

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 44

Every valve or device installed for controlling the inflow of water into any storage cistern (other than a float-operated valve) shall be capable of controlling the inflow of water into that cistern.

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

4.1 Tests applicable to the following fittings:-

**FLOAT OPERATED SWITCHES**

- for hot or cold water use.

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(A) **FLOAT OPERATED SWITCHES**

**TEST METHOD**

The float operated switch shall be securely fixed in accordance with the manufacturers instructions in a cistern of approximately 18 litres actual capacity. Connect the switch to a solenoid stopvalve (meeting the acceptance criteria of TCS 1211.1) controlling the inflow of water at ambient temperature to the cistern through a type "B" air gap. The cistern shall be connected up as a feed and expansion cistern for a directly heated cylinder. The cylinder shall be heated by means of an electrical immersion heater of not less than 3kW rating without any thermostatic control or cut-out device. The heater shall be switched on and the cistern and float switch subjected to the expansion water from the cylinder for a continuous period of  $500 \pm 24$  hours.

5. **ACCEPTANCE CRITERIA**

The function and operation of the float operated switch shall remain unimpaired.

