

<b>Test Code Sheet Number</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>16</b>
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TEST CODE SHEET

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

Endurance.

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw 52

Every water fitting shall be constructed of materials, the nature, the strength and thickness of which ..... will prevent, so far as is reasonably practicable, damage from - (a) any external load; (b) vibration, stress .....

Byelaw 87

..... every draw-off tap ..... shall - (a) be capable of operating effectively at (i) any water temperature not exceeding 65°, and (ii) any internal water pressure to which it is likely to be subject; and (b) be made and designed so that it may be easily closed to shut off the flow of water; and (c) if it incorporates a renewable seal or washer, be made or adapted so that the seal or washer can be readily removed or replaced .....

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-

**VALVES, WATER SUPPLY CONTROL** (Point of use)  
- instantaneous water heaters

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(A) **WATER SUPPLY CONTROL VALVES**

TEST METHOD

Fit the control valve to be tested onto the automatic test rig in accordance with Setting-up Procedure IGN 1-50-50.

Subject the integral water supply control valve to 200,000 closures whilst being supplied with cold water at a temperature less than 30°C if fitted on the heater inlet, or hot water at a temperature of  $60 + 5 - 0^{\circ}\text{C}$  if fitted on the heater outlet.

5. **ACCEPTANCE CRITERIA**

Upon completion of testing the control valve shall satisfy the watertightness requirements of Test Code Sheet 1111.1.(H).