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WBS TEST & ACCEPTANCE CRITERIA
PD.

Issue No: 3
Date of issue: April 1994

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TEST CODE SHEET

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

Accessibility for cleaning.

2. **BYELAW REQUIREMENT FOR FITTINGS**

Byelaw31

Every storage cistern shall be installed in a place or position such that - (a) the inside may be readily inspected and cleaned.....

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:-

CISTERN, COLD WATER STORAGE, ALL MATERIALS

- having deep and narrow dimensions
- for installation in places where access is difficult
- for hot water combination units of deep and narrow dimensions.

(A) **COLD WATER STORAGE AND FEED AND EXPANSION CISTERNS**

TEST METHOD

Hand holes

Carry out a visual examination to check whether cisterns greater than 1140mm high and less than 350mm wide are provided with a hand hole, joint ring and cover. If so, remove the cover and check the dimensions of the hand hole.

5. **ACCEPTANCE CRITERIA**

The hand hole shall be either circular of diameter not less than 100mm, or elliptical of area not less than 7850mm^2 , and having major and minor axes not greater than 125mm or less than 75mm respectively. The hand hole shall be so positioned that its edge is not less than 25mm from any change in plane of the surface of the cistern. Subject to this, the centre of the hole shall not be less than 125mm above the lowest horizontal internal surface of the cistern.

The cistern shall also be provided with a replaceable access cover of a thickness not less than that of the wall of the cistern, and with a suitable preformed joint ring of a material capable of meeting the acceptance criteria of Test Code Sheet 2111.1.

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(B) COPPER HOT WATER STORAGE COMBINATION UNITS (Derived from BS3198, Section 8)

TEST METHOD

Hand holes

Carry out a visual examination to check whether cisterns greater than 1140mm high and less than 350mm wide are provided with a hand hole, joint ring and cover. If so, remove the cover and check the dimensions of the hand hole.

5. ACCEPTANCE CRITERIA

The hand hole shall be either circular of diameter not less than 100mm, or elliptical of area not less than 7850mm², and having major and minor axes not greater than 125mm or less than 75mm respectively. The hand hole shall be so positioned that its edge is not less than 25mm from any change in plane of the surface of the cistern. Subject to this, the centre of the hole shall not be less than 125mm above the lowest horizontal internal surface of the cistern.

The cistern shall also be provide with a replaceable access cover of a thickness not less than that of the wall of the cistern, and with a suitable preformed joint ring of a material capable of meeting the acceptance criteria of Test Code Sheet 2111.1.

After replacing the cover the cistern shall be capable of meeting the acceptance criteria of Test Code Sheet 1112.11.