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WBS TEST & ACCEPTANCE CRITERIA

Issue No: 5
Date of issue: August 1996

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TEST CODE SHEET

1. TYPE OF TEST(S)

Marking for identification.

2. BYELAW REQUIREMENT FOR FITTINGS**Byelaw 2**

No person shall - (a) install a water fitting to convey or receive water supplied by the undertakers, or alter, disconnect or use such a water fitting; or (b) cause or permit such a water fitting to be installed, altered, disconnected or used, in contravention of any of these byelaws.

NOTE It follows that any persons shall be able to identify any water fitting proposed to be used to ensure that both the fitting, and the manner of its installation, shall meet the requirements of the byelaws. Other specific byelaws requiring the marking of installation requirements are detailed below in the criteria.

3. BRITISH STANDARDS OR WATER SPECIFICATION, DEEMED TO SATISFY BYELAW 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:-

ALL FITTINGS**(A) ALL FITTINGS****TEST METHOD**

Every fitting and appliance shall be examined to establish that it is marked, labelled or plated in an appropriate manner to enable its course, purpose, application and manner of installation to be identified.

5. ACCEPTANCE CRITERIA

The mark, label or plate shall include reference to the manufacturer or factor and any other information necessary to enable it to be clearly identified. Certain fittings and appliances shall include other information in the marking or on the label or plate (see overleaf),

The identification mark shall be made on, or the label or plate attached to, the fitting or appliance where it will be accessible after installation so far as is reasonably practicable.

Marking shall be of an appropriate permanent nature by means of acid etching, embossing, rolling-in, stamping, a soldered-on plate etc.

(B) BRASS FITTINGS**5. ACCEPTANCE CRITERIA**

Brass fittings made of dezincification resistant brass shall be marked "CR".

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(C) CISTERNS, TANKS, CYLINDERS**5. ACCEPTANCE CRITERIA**

Every cistern, tank, cylinder, expansion vessel etc, shall be marked or labelled to indicate the capacity.

Every tank, cylinder, expansion vessel etc, shall be marked or labelled to indicate the maximum working water pressure to which it may be subjected.

Every flushing cistern or trough for use with a watercloset pan shall be marked indelibly on the inside with a line indicating the water level at which the float-operated valve is to shut off to give the appropriate volume of water for flushing purposes. (Byelaw 80)

(D) TUBES AND PIPE**5. ACCEPTANCE CRITERIA**

Tube and pipe of every material to an applicable standard deemed to satisfy byelaw requirements shall be marked in accordance with the requirements of that standard. Copper tube to BS 2871 Part 1 additionally shall be marked with the month and year of manufacture adjacent to each marking required by that standard.

Tube and pipe of every material otherwise shall be marked permanently by a means (not labelled) at intervals not exceeding 500mm with the type and/or class of material, the manufacturers means of identification and the year of manufacture.

(E) REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTERS (RPZ VALVES)

(Derived from Doc. prEN 127E Section 11)

5. ACCEPTANCE CRITERIA

Backflow protection devices shall be marked permanently and visibly on the casing, or on a fixed data plate.

This information shall be on the upperside, or on each lateral side of the device. The indications are to be indelible and obtained by moulding, engraving or similar procedures.

- (a) Name, manufacturer's brand or logo.
- (b) Arrow indicating normal direction of flow.
- (c) Nominal size (DN).
- (d) Conformance with the appropriate European product standard.
- (e) Acoustic group.
- (f) Nominal pressure (PN).
- (g) Reference (type or model...)
- (h) Type of materials used for the body. (DZR mark where applicable).