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WBS TEST & ACCEPTANCE CRITERIA
PD.JCS

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TEST CODE SHEET

Sheet 1 of 1

1. TYPE OF TEST(S)

Accelerated ageing.

2. BYELAW REQUIREMENT FOR FITTINGS

Byelaw 7(1)

No material or substance which causes, or is likely to cause, contamination of water shall be used in the construction or installation of any pipe or water fitting which conveys or receives water supplied for domestic purposes.

Byelaw 51

No water fitting which conveys water supplied by the undertakers for domestic purposes shall - (a) be made wholly or partially of, or incorporate, or (b) be lined or coated with, any material or substance which contaminates, or is likely to contaminate such water by altering its colour, odour, taste, or composition.

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 or settlement; (c) internal water pressure; (d) internal and external temperatures; and (e) corrosion.

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-

BLUE POLYETHYLENE (PE) PRESSURE PIPE, FOR COLD POTABLE WATER.

(A) BLUE POLYETHYLENE (PE) PRESSURE PIPE, FOR COLD POTABLE WATER.

TEST METHOD

Subject the pipe to a fatigue test in accordance with Water Industry Specification (WIS) No 4-32-06, Appendix C, at a temperature of $80 (+2-1)^\circ\text{C}$.

The materials used in the construction of the pipe shall meet the criteria stated below.

5. ACCEPTANCE CRITERIA

The pipe shall withstand the requirements of the fatigue test in accordance with WIS 4-32-06 clause 6.3.

The materials used in the construction of the pipe shall be as stated in WIS 4-32-03, clauses 3.1, 3.2, 3.3, 3.4, 3.5, 3.6 and 3.7.

