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1. TYPE OF TEST(S)

Measurement of dimension.

2. BYELAW REQUIREMENT FOR FITTINGS

Byelaw 1

..... spill-over level means the level at which the water in a cistern or vessel will first spill over if the inflow exceeds the outflow through any outlet and any overflow pipe.
.....warning pipe means an overflow pipe so fixed that its outlet, whether inside or outside the building, is in a conspicuous position where the discharge of water can be readily seen.

Byelaw 39

Every warning pipe shall be installed so as to discharge water immediately the water in the cistern reaches overflowing level.

Byelaw 40

No warning or overflow pipe shall comprise, include or have connected to it, any flexible hose.

Byelaw 80

Every flushing cistern or trough installed in any premises supplying water to a watercloset pan shall be fitted with a warning pipe and shall be indelibly marked on the inside with a line indicating the water level at which the float-operated valve is to shut off when that cistern or trough operates to comply with the relevant provision of byelaws 75 to 77 and 79.

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

3.1 At present no British Standard or Water Industry Specification exists.

4. TEST PROCEDURE

Note Unless otherwise stated the temperature of the test fluid shall be 20 ± 10°C.

4.1 Tests applicable to the following:-

VALVES
- flap for use with wc flushing cisterns
- drop for use with wc flushing cisterns

metal and plastic design.

(A) DROP AND FLAP VALVE FOR USE WITH WC FLUSHING CISTERNS

TEST METHOD

Valves incorporating an 'internal overflow to pan' arrangement shall meet the following requirement.

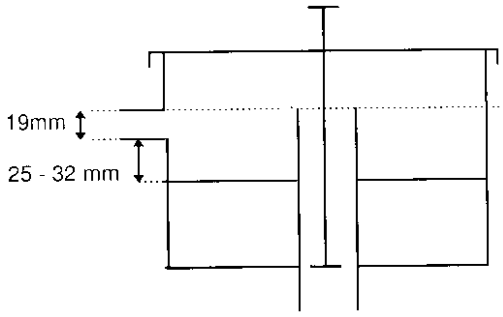
(a) Measure the distance between the waterline in the cistern and the invert of the overflowing level of the external warning pipe.

(b) Measure the distance between the waterline in the cistern and the invert of the 'internal overflow' of the valve.

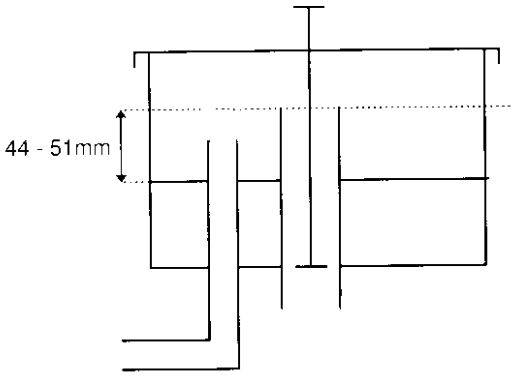
5. ACCEPTANCE CRITERIA

(a) The distance between the invert of the overflowing level of the external warning pipe and the waterline, shall be not less than 25mm or more than 32mm.

(b) The distance between the invert of the 'internal overflow' of the valve and the waterline shall be not less than the 25mm to 32mm as required in (a) with an additional 19mm. (ie. 44mm to 51mm above the waterline).



WC flushing cistern with side entry external warning pipe and internal overflow to pan.



WC flushing cistern with bottom entry external warning pipe and internal overflow to pan.