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TEST CODE SHEET

1. TYPE OF TEST(S)

Dimensional

2. WATER REGULATIONS REQUIREMENTS FOR FITTINGS

Schedule 2

15-(1) every water system shall contain an adequate device or devices for preventing backflow of fluid from any appliance, fitting or process from occurring.

3. BRITISH STANDARDS OR WATER SPECIFICATION, DEEMED TO SATISFY WATER REGULATIONS REQUIREMENTS

3.1 Fittings with 'kitemarks' which are deemed to satisfy the requirements of regulations are listed in the directory.

4. TEST PROCEDURE

4.1 Tests applicable to the following:-

AIR GAP DEVICE WITH INTERPOSED CISTERN (AUK1)

Devices for the prevention of contamination by backflow.

(A) AIR GAP DEVICE WITH INTERPOSED CISTERN (AUK1)

(Derived from Doc. 24503 AG Rev. 98 [AG]. Clause 6 Note 3)

TEST METHOD

APPARATUS The following apparatus is required.

Measuring equipment

PROCEDURE The procedure shall be as follows:-

- (1) Visually examine the AUK1 assembly.
- (2) Ensure that the interposed cistern (feed cistern) complies with the requirements of TCS 2212.3.
- (3) Measure the dimension between the maximum water level of the receiving vessel and the lowest internal water level of the interposed cistern.
- (4) Measure the dimension between the spillover level of the receiving vessel and the invert of the warning pipe.

5. ACCEPTANCE CRITERIA

When the receiving vessel is to be used as an interposed cistern to supply water to a higher category of risk (i.e. WC flushing cistern - category 3, supplying water by gravity to a WC pan - category 5; the dimension 'X' must be ≥ 15 mm, where 'X' is the dimension between the maximum level of the receiving vessel (category 5) and the lowest internal level of the interposed cistern (category 3). See Figure 2

Also the measurement between the spillover level of the receiving vessel and the invert of the warning pipe must be ≥ 300 mm

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Issue No: 1
Date of issue: July 2000

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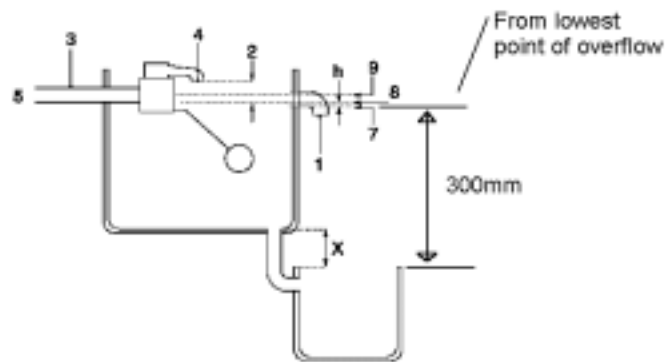


FIG 2

AUK1 AIR GAP DEVICE WITH INTERPOSED CISTERN

- 1 = Warning/Overflow Pipe
- 2 = Air Gap (AG)
- 3 = Feed Pipe
- 4 = Feed Orifice
- 5 = Internal Diameter of Feed Pipe (Bore)
- 7 = Spill-over Level
- 8 = Critical Water Level
- X = 15mm
- 9 = Maximum Water Level