TEST CODE SHEET

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1. TYPE OF TEST(S)

Vacuum test.

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

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

4.1 Tests applicable to the following:-

AUTOMATIC DIVERTER HC
Devices for the prevention of contamination by backflow.

(A) AUTOMATIC DIVERTER HC (Derived from BS 5412 : 1996. Clause 13)

TEST METHOD

APPARATUS The following apparatus is required.

Vacuum supply.

Scale, graduated in mm.

Pressure gauges, Fouling wire, Control valves, Transparent hose, Water reservoir, and Water trap.

PROCEDURE The procedure shall be as follows:-

(1) Remove any check valve fitted at the cold water inlet to the tap, or the shower hose outlet connection. If the check valve is not designed to be removed then foul with 0.75mm nylon thread. Do not remove any jet regulator or flow straightening devices fitted.

(2) Connect the cold water inlet of the tap to the test vacuum facility. (Reference Figure 75).

(3) Fit the transparent sight tube of suitable length to the shower hose outlet connection, avoiding kinking. Submerge the other open end in water, the surface of which being 150mm to 200mm below the bath outlet of the tap under test.

(4) Close the tap hot water headworks. Ensure that the cold water headworks is fully open and the diverter is in the 'flow-to-bath' position.

(5) Apply a vacuum gauge pressure of 0.5 bar minimum on gauge "B".

(6) Observe the sight tube for a period of at least 5 seconds and then note the height to which any water is drawn into the sight tube above the level of water in the container.

5. ACCEPTANCE CRITERIA

The water level in the transparent hose shall not rise by more than 100mm, above the level of the water in which its outlet is submerged.

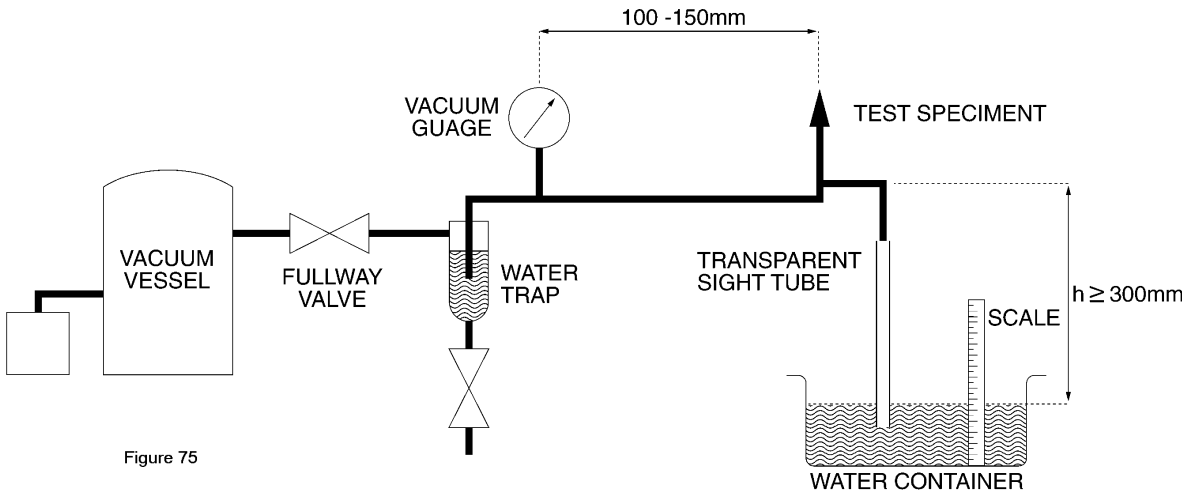

Figure 75