

Australian Standard™

AS 2888.5

Methods of testing plastics waste fittings

Method 5: Trap seal test

1 SCOPE

This Standard sets out the method for testing the trap seal of concealed membrane plastics waste traps.

2 APPARATUS

The following apparatus is required:

- (a) Two short lengths of rubber tubing of 6 mm bore.
- (b) A T-junction suitable for use with rubber tubing.
- (c) A U-tube manometer having a range of 0 to +100 mm water gauge.
- (d) A reducer to enable the rubber tube to be connected to the inlet leg of the trap.

3 TEST SPECIMEN

The test specimen shall be a complete trap.

4 CONDITIONING AND TESTING

For referee tests, the test specimen shall be conditioned in air at a temperature of $20 \pm 2^\circ\text{C}$ for a minimum of 24 h prior to testing in the same controlled environment. For routine tests, the test specimen may be tested at ambient conditions, but not exceeding 38°C .

5 PROCEDURE

The procedure shall be as follows:

- (a) Connect a short length of rubber tubing through the reducer to the inlet leg of the fully charged trap.
- (b) Connect the other end of the tubing to the T-junction, one leg of which is connected to the U-tube manometer and the remaining one to the second short length of rubber tubing through which the pneumatic test pressure is applied.
- (c) Apply a pneumatic pressure as specified in the relevant fitting standard and examine the trap for leakage.

6 REPORT

The report shall include the following:

- (a) Size and type of trap tested.
- (b) Pneumatic pressure applied.
- (c) Any leakage.
- (d) The number of this Australian Standard, i.e., AS 2888.5

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