

Australian Standard™

AS 2888.6

Methods of testing plastics waste fittings

Method 6: Method for load testing of plastics waste outlets

1 SCOPE

This Standard sets out the method for load testing a grating of a waste outlet that may be subject to live loading after installation.

2 APPARATUS

The following apparatus is required:

- (a) A jig to support the body of the waste outlet as the load is applied.
- (b) A loading device or weight(s) capable of producing the force specified in the relevant fitting Standard.
- (c) A flat, rigid metallic disc of diameter $16 + 1, -0$ mm for transferring the load to the grating.

3 TEST SPECIMEN

Each test specimen shall consist of a complete waste outlet fitting, i.e. waste outlet body and grating.

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) Support the test specimen in such a way that it will be stable when loaded. The grating shall only be supported by the waste outlet body.
- (b) Set up the load such as it is applied through the metallic disc. The load shall be normal to the surface within $\pm 10^\circ$ and shall be positioned on the grating at the location likely to provide the most deflection.
- (c) Gradually apply load and maintain for the period specified in the relevant fitting standard.
- (d) Remove load.
- (e) Examine the grating for cracking, breaking or other structural failure.

6 REPORT

The report shall include the following:

- (a) Size and configuration of fitting tested.
- (b) Load applied and period for which it was maintained.
- (c) Any cracking, breaking or other structural failure of the grating.
- (d) The number of this Australian Standard, i.e. AS 2888.6.