

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 3558.6—1999

Methods of testing plastics and composite materials sanitary plumbing fixtures
Method 6: Visual examination of surface finish for defects

RECONFIRMATION NOTICE

Technical Committee WS-003 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 30 September 2016.

The following are represented on Technical Committee WS-003:

Association of Accredited Certification Bodies

Australian Chamber of Commerce and Industry

CSIRO

Department of Agriculture and Water Resources (Australian Government)

Plastics New Zealand

Plumbing Distributors Association of New Zealand

Plumbing Products Industry Group

Testing Interests (Australia)

NOTES

Methods of testing plastics and composite materials sanitary plumbing fixtures

Method 6: Visual examination of surface finish for defects

1 SCOPE

This Standard sets out a method for determining the surface texture of plastics sanitary plumbing fixtures by application of water soluble ink or dye to the surface.

2 REFERENCED DOCUMENT

The following document is referred to in this Standard:

AS

1680 Interior lighting

1680.1 Part 1: General principles and recommendations

3 PRINCIPLE

Water soluble ink or dye of colour contrasting with the colour of the fixture is applied and washed off, and a visual inspection is made for defects.

4 APPARATUS

The following apparatus is required:

- (a) Water soluble ink or dye of colour contrasting with the colour of the fixture.
- (b) Fresh water.
- (c) Drying cloths.
- (d) Household detergent.

5 PROCEDURE

The procedure shall be as follows:

- (a) Thoroughly degrease the surface of the fixture using household detergent.
- (b) Apply water soluble ink or dye of contrasting colour to the entire area to be inspected.
- (c) Within 30 min rinse with fresh water and wipe dry.
- (d) Inspect the surface of the fixture.

NOTES:

- 1 The ink or dye will penetrate the plastics and emphasize any surface defects.
- 2 Recommendations for lighting are provided in AS 1680.1 including guidance on the special types of lighting which may be of assistance for certain inspection tasks.