

Australian Standard[®]

Copper and copper alloy waste fittings

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Australian Chamber of Commerce and Industry

Brisbane City Council

Department of Housing, Local Government and Planning, C.T.D.

Engineering and Water Supply Department, S.A.

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PREFACE

This Standard was prepared by the Standards Australia Committee WS/2 on Sanitary Plumbing Fittings, to supersede AS 1589—1987.

This Standard includes information on the functional aspects and basic designs of waste fittings and various industrial and editorial revisions according to Standards Australia requirements.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

This Standard is intended to allow for introduction of innovative designs as applicable to waste components.

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STANDARDS AUSTRALIA

Australian Standard

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies requirements for copper and copper alloy waste fittings (hereinafter referred to as fittings) for use in plumbing installations and includes traps, gullies, waste outlets, gratings, and connectors.

NOTE: Illustrations used in this Standard are diagrammatic only and have been chosen without prejudice.

1.2 APPLICATION Copper and copper alloy waste fittings shall comply with the requirements of Section 1 and with the following Sections, as appropriate:

Section 2—Copper and Copper Alloy Waste Traps and Gullies

Section 3—Copper and Copper Alloy Waste Outlets and Gratings

Section 4—Copper and Copper Alloy Waste Connectors.

1.3 REFERENCED DOCUMENTS Referenced documents are listed in Appendix A.

1.4 DEFINITIONS For the purpose of this Standard, the definitions given in AS 3500.0 and those below apply.

1.4.1 Combination trap—a trap with a swivel joint to facilitate use as an ‘S’ trap or ‘P’ trap.

1.4.2 Component—that part, or a sub-assembly of parts that contribute to the construction of a total assembly by choice of design which may offer variations of fitment for the application to the major element of the product, whether produced by that same manufacturer or not. The component shall be deemed a vital part of the total assembly and shall not inhibit the product from complying with this Standard, when submitted for type testing.

1.4.3 Loose coupling nut—a nut retained to the fitting by means of a shoulder and capable of turning relative to the fitting.

1.4.4 Type test—a test intended to prove the suitability and performance of a new material, a new manufacturing or processing technique, or a new design or size of joint or fitting. Type tests are generally performed when a change is made in material composition or method of manufacture.

1.5 DESIGN

1.5.1 Fittings Fittings shall comply with the requirements specified in the appropriate sections of this Standard.

1.5.2 Alternative designs Fitting types are not restricted to the basic designs specified in this Standard. Variations are accepted provided that the finished product complies with the performance requirements of this Standard.

1.6 MATERIALS

1.6.1 Copper Copper shall be as follows:

- (a) Alloy designation 122 to AS 2738.2.
- (b) Tube to AS 1432.