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AS 1566-1997 (R2018) Copper and copper alloys - Rolled flat products

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Abbreviation
AS 1566-1997
Valid from
05/12/1997

Information provider
SAI Global
Author
Standards Australia
Information type
Australian Standard
Format
PDF

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Description

This Standard specifies requirements for copper and copper alloy plate, rolled bar, sheet, strip and foil for general engineering purposes.

It also specifies requirements for copper for electrical purposes (alloys C11000 and C12200) and for automotive radiators (alloy C14410).

Chemical composition, mechanical properties and manufacturing tolerances are specified, and appendices give purchasing guidelines and information on related composition specifications.

Scope

Advice and recommendations on information to be supplied at the time of inquiry or order are contained in the purchasing guidelines set out in Appendix A.

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- [E2/AS1 \(Third Edition, Amendment 5, Errata 2\)](#)

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- [E2/AS1 \(Third Edition, Amendment 5\)](#)

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- [AS/NZS 3500.2:2003](#)

AS 1566-1997 is cited by AS/NZS 3500.2:2003 Plumbing and drainage - Sanitary plumbing and drainage

- [AS/NZS 3500.2:2015](#)

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- [AS/NZS 3500.2:2018](#)

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- [AS 1391-1991](#)
AS 1566-1997 cites AS 1391-1991 Metallic materials - Tensile testing at ambient temperature
- [AS 1515.1-1994 \(R2016\)](#)
AS 1566-1997 cites AS 1515.1-1994 (R2016) Copper alloys - Part 1: Determination of lead in copper alloys (flame atomic absorption spectrometric method)
- [AS 1515.2-1994 \(R2016\)](#)
AS 1566-1997 cites AS 1515.2-1994 (R2016) Method for the analysis of copper alloys - Part 2: Determination of manganese content - Flame atomic absorption spectrometric method
- [AS 1515.3-1989 \(R2016\)](#)
AS 1566-1997 cites AS 1515.3-1989 (R2016) Methods for the analysis of copper alloys - Part 3: Determination of silver content - Flame atomic absorption spectrometric method
- [AS 1515.4-1978 \(R2016\)](#)
AS 1566-1997 cites AS 1515.4-1978 (R2016) Method for the analysis of copper alloys Part 4: Electrolytic determination of copper in wrought and cast copper alloys
- [AS 1515.5-1987 \(R2016\)](#)
AS 1566-1997 cites AS 1515.5-1987 (R2016) Method for the analysis of copper alloys Part 5: Determination of cadmium - Flame atomic absorption spectrometric method
- [AS 1696.1-1987](#)
AS 1566-1997 cites AS 1696.1-1987 (R2016) Copper - Part 1: Determination of phosphorus - Spectrophotometric method
- [AS 1733-1976](#)
AS 1566-1997 cites AS 1733-1976 (R2018) Methods for the determination of grain size in metals
- [AS 1817-1991](#)
AS 1566-1997 cites AS 1817-1991 Metallic materials - Vickers hardness test
- [AS 2505.1-1981](#)
AS 1566-1997 cites AS 2505.1-1981 Methods for bend and related testing of metals - Part 1: Sheet, strip and plate

- [AS 2614-1998 \(R2016\)](#)

AS 1566-1997 cites AS 2614-1998 (R2016) Copper and copper alloys - Sampling for chemical and spectrochemical analysis, and physical testing

Other

- [ASTM E384-89](#)

AS 1566-1997 cites ASTM E384-89 Standard Test Method for Microhardness of Materials

- [BS 1748-6:1960](#)

AS 1566-1997 cites BS 1748-6:1960 Methods for the analysis of copper alloys. Method for the determination of tin in copper alloys (nickel coil reduction method)

- [BS 1748-7:1960](#)

AS 1566-1997 cites BS 1748-7:1960 Methods for the analysis of copper alloys. Method for the determination of silicon in copper alloys (photometric method)

- [BS 1748-8:1960](#)

AS 1566-1997 cites BS 1748-8:1960 Methods for the analysis of copper alloys. Method for the determination of phosphorus in copper alloys (photometric method)

- [BS 1748-9:1963](#)

AS 1566-1997 cites BS 1748-9:1963 Methods for the analysis of copper alloys. Method for the determination of zinc in copper alloys

- [BS 1748:Parts 1-5:1961](#)

AS 1566-1997 cites BS 1748:Parts 1-5:1961 Methods for the analysis of copper alloys. Methods for the determination of copper, lead, iron, aluminium and nickel in copper alloys

- [BS 1748:Parts 11 and 12:1964](#)

AS 1566-1997 cites BS 1748:Parts 11 and 12:1964 Methods for the analysis of copper alloys. Methods for the determination of copper and lead in leaded bronze alloys

- [BS 5714:1979](#)

AS 1566-1997 cites BS 5714:1979 Method of measurement of resistivity of metallic materials

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