

Australian Standard[®]

**COPPER AND COPPER ALLOYS
COMPOSITIONS AND
DESIGNATIONS**

Part 1—REFINERY PRODUCTS

This Australian standard was prepared by Committee MT/2, Copper and Copper Alloys. It was approved on behalf of the Council of the Standards Association of Australia on 28 August 1984 and published on 9 November 1984.

The following interests are represented on Committee MT/2:

Australian Foundry Institute
Australian Welding Institute
Confederation of Australian Industry
Copper Development Association of Australia Limited
Coppermetals Extruders Council of Australia
Department of Defence
Metropolitan Water Sewerage and Drainage Board, N.S.W.
Telecom Australia
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PREFACE

This standard was prepared under the direction of the Association's Committee on Copper and Copper Alloys by its subcommittee on Designation and Chemical Composition. It specifies a system of designation for copper supplied in the form of refinery products (cathodes, cakes, billets, wire bars) in Australia. Chemical composition limits are specified and guidance is given on the expression of these limits.

The designation and terms of grades of copper have been aligned with the following Technical Report and Recommendation prepared by Technical Committee No 26, Copper and Copper Alloys, of the International Organization for Standardization (ISO):
 ISO/TR197 Copper and Copper Alloys — Terms and Definitions
 ISO/R1190/1 Copper and Copper Alloys — Code of Designation — Part 1: Designation of Materials

In addition, the designation is the same as that adopted by the British Standards Institution in BS 6017, Copper Refinery Shapes, and is similar to ASTM B224, Classification of Coppers, issued by the American Society for Testing and Materials (ASTM).

The relationship between Australian coppers and their overseas counterparts is given in Appendix A.

There are three standards in this series, the others being as follows:

Part 2 — Wrought Products

Part 3 — Cast Products

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