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S.R. CR 12776:1997

Copper and copper alloys - Provisions and procedures for the allocation of material numbers and registration of materials

S.R. CR 12776:1997

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REPORT RAPPORT BERICHT

CR 12776

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English version

Copper and copper alloys - Provisions and procedures for the
allocation of material numbers and registration of materials

This CEN REPORT has been prepared by Technical Committee CEN/TC 133 "Copper and copper alloys" and has been approved by CEN on 1996-08-21.

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CEN

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Comité Européen de Normalisation
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Foreword

This CEN Report has been prepared by Technical Committee CEN/TC 133 "Copper and copper alloys", the Secretariat of which is held by DIN.

Within its programme of work, Technical Committee CEN/TC 133 requested CEN/TC 133/TG-ENS "European numbering system" to prepare the following CEN Report:

CR 12776

Copper and copper alloys – Provisions and procedures for the allocation of material numbers and registration of materials

In the course of its plenary meeting on 26/27 October 1995, CEN/TC 133 "Copper and copper alloys" agreed by Resolution No. 2, see document CEN/TC 133 N 614 revised, to submit this document for BT approval.

1 Scope

This document establishes the provisions and the procedures for the allocation of material numbers and registration of materials for copper and copper alloys.

2 References

EN 1412
Copper and copper alloys – European numbering system

3 Guidance notes

For the purposes of this document, the following guidance notes shall apply:

3.1 Interpretation of "significantly different"

Materials shall be deemed to be significantly different provided that the following criteria are met; a) and b) together with either c), d) or e) or any combination thereof.

- a) Generally no alloy shall be permitted for registration if the composition ranges overlap those of existing standardized or registered materials; due regard shall be given to the practice adopted in the standardized material group and due consideration shall be given to the possibilities of future standardization.
- b) Materials submitted for registration should have elemental composition ranges of similar magnitude to those ranges and impurity limits as specified for existing standardized materials of the same material group.
- c) One or more additional alloying elements to be specified to those of existing standardized or registered materials of the same material group.
- d) One or more additional alloying elements to be specified to those of existing registered or standardized materials provided that their ranges are outside the existing impurity limits.
- e) One or more alloying elements to be deleted from existing standardized or registered materials.

3.2 Interpretation of "commercial standing in Europe"

A copper material is considered "of commercial standing", when either:

- a) standardized by CEN/TC 133; or
- b) standardized by a CEN/TC other than CEN/TC 133; or
- c) the request from an individual applicant, e.g. a private company, is endorsed by the appropriate CEN Member Body having considered supporting evidence for production and application.

3.3 Material designation

The Registration Board shall allocate numbers in accordance with EN 1412.

NOTE: Material symbol designations may be allocated only in case of standardization by CEN/TC 133.

The applicant should use his private designation which shall be notified to the Registration Board. He may use a designation based on the ISO 1190-1 system provided that it does not conflict with a material symbol designation in existing TC 133 standards.

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