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British Standard

Sampling and analysis of copper and copper alloys

Part 5. Method for determination of zinc in
copper and copper alloys by flame atomic
absorption spectrophotometry

[ISO title : Copper and copper alloys — Determination of zinc
content — Flame atomic absorption spectrometric method]

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National foreword

This Part of BS 6721 has been prepared under the direction of the Non-ferrous Metals Standards Committee. BS 6721 is a multi-part standard and describes methods of sampling and analysis for copper and copper alloys.

It is intended that Parts 1 to 3 of BS 6721 will describe methods of sampling copper and copper alloys in various forms. The remaining Parts will give methods for the determination of individual elements in copper and copper alloys.

This Part of BS 6721 is identical with ISO 4740-1985 'Copper and copper alloys — Determination of zinc content — Flame atomic absorption spectrometric method', published by the International Organization for Standardization (ISO).

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'Part of BS 6721'.

In British Standards it is current practice to use the symbol 'L' for litre (and in its submultiples) rather than 'l' and to use the spelling 'sulphur', etc., instead of sulfur, etc.

Cross-reference. The Technical Committee has reviewed the provisions of ISO/R 1811, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

ISO/R 1811 is under revision. It is expected that when published the revision will be implemented as a Part of BS 6721.

Textual errors. When adopting the text of the international standard, the textual errors given below were discovered. They have been marked in the text and have been reported to ISO Central Secretariat in a proposal to amend the text of the international standard.

In 4.4, line 3, '(3.3)' should be '(4.3)'.

In 4.5, line 3, '(3.3)' should be '(4.3)'.

In 4.6, line 3, '(3.4)' should be '(4.4)'.

In table 3, first column heading, '(3.4)' should be '(4.4)'.

In table 3, second column heading '(3.2)' should be '(4.2)'.

Compliance with a British Standard does not of itself confer immunity from legal obligations.