

Copper and copper alloys — Combustion method for determination of the carbon content on the inner surface of copper tubes or fittings

ICS 77.150.30

National foreword

This British Standard is the UK implementation of EN 723:2009. It supersedes BS EN 723:1996 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee NFE/34, Copper and copper alloys.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

**Copper and copper alloys - Combustion method for
determination of the carbon content on the inner surface of
copper tubes or fittings**

Cuivre et alliages de cuivre - Méthode de détermination par
combustion de la teneur en carbone à la surface interne
des tubes ou des raccords en cuivre

Kupfer und Kupferlegierungen - Verfahren zur Bestimmung
des Kohlenstoffs auf der Innenoberfläche von Kupferrohren
oder Fittings durch Verbrennen

This European Standard was approved by CEN on 19 March 2009.

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Foreword

This document (EN 723:2009) has been prepared by Technical Committee CEN/TC 133 "Copper and copper alloys", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2009, and conflicting national standards shall be withdrawn at the latest by October 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 723:1996.

In comparison with the first edition of EN 723:1996, the following significant technical changes and one significant editorial change were made:

- improvement of the accuracy of the method;
- extension of the scope of the standard to fittings of copper alloys;
- simplification by limitation to only one method for carbon content determination, namely that of infrared absorption spectrometry:

[Method using tetrabutylammonium hydroxide (HTBA) and Method of determination by measurement of differential electrical conductivity (coulometric) deleted];
- simplification by limitation to only one cutting method for tubes with diameters exceeding the furnace diameter by deletion of the "longitudinal cutting method";
- change of Clause 2 "Normative References" into "Bibliography" with renumbering.

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