

ICS 77.120.30

English Version

**Copper and copper alloys - Determination of cadmium content -
Flame atomic absorption spectrometric method (FAAS)**

Cuivre et alliages de cuivre - Dosage du cadmium -
Méthode par spectrométrie d'absorption atomique dans la
flamme (SAAF)

Kupfer und Kupferlegierungen - Bestimmung des
Cadmiumgehaltes -
Flammenatomabsorptionsspektrometrisches Verfahren
(FAAS)

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Foreword

This document (CEN/TS 15616:2009) has been prepared by Technical Committee CEN/TC 133 “Copper and copper alloys”, the secretariat of which is held by DIN.

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1 Scope

This document specifies a flame atomic absorption spectrometric method (FAAS) for the determination of the cadmium content of copper and copper alloys in the form of castings or unwrought or wrought products.

The method is applicable to products having cadmium mass fractions between 0,002 % and 2,0 %.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1811-1, *Copper and copper alloys — Selection and preparation of samples for chemical analysis — Part 1: Sampling of cast unwrought products*

ISO 1811-2, *Copper and copper alloys — Selection and preparation of samples for chemical analysis — Part 2: Sampling of wrought products and castings*

NOTE Informative references to documents used in the preparation of this standard, and cited at the appropriate places in the text, are listed in the Bibliography.