

STN	Med' a zliatiny medi. Analýza optickou emisnou spektrometriou s riadenou iskrou (S-OES).	STN EN 15079 42 1382
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Copper and copper alloys - Analysis by spark optical emission spectrometry (S-OES)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/15

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EUROPEAN STANDARD
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EN 15079

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Supersedes EN 15079:2007

English Version

**Copper and copper alloys - Analysis by spark optical emission
spectrometry (S-OES)**

Cuivre et alliages de cuivre - Analyse par spectrométrie
d'émission optique à étincelles (SEO-E)

Kupfer und Kupferlegierungen - Analyse durch optische
Emissionsspektrometrie mit Funkenanregung (F-OES)

This European Standard was approved by CEN on 24 April 2015.

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 15079:2015) 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of an identical text or by endorsement, at the latest by November 2015, and conflicting national standards shall be withdrawn at the latest by November 2015.

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 15079:2007.

Within its programme of work, Technical Committee CEN/TC 133 requested CEN/TC 133/WG 10 "Methods of analysis" to revise this standard:

EN 15079:2007, *Copper and copper alloys — Analysis by spark source optical emission spectrometry (S-OES)*.

In comparison with EN 15079:2007, the following changes were made:

- a) Definitions 3.1 to 3.5 have been improved;
- b) 7.2.2 Calibration has been modified.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies a routine method for the analysis of copper and copper alloys by spark optical emission spectrometry (S-OES). The method is applicable to all elements except copper commonly present in copper and copper alloys as impurities or minor or main constituents, which can be determined by S-OES.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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*

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