



**NSAI**  
Standards

Irish Standard  
I.S. EN 16117-1:2011

# Copper and copper alloys - Determination of copper content - Part 1: Electrolytic determination of copper in materials with copper content less than 99,85 %

## I.S. EN 16117-1:2011

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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English Version

**Copper and copper alloys - Determination of copper content -  
Part 1: Electrolytic determination of copper in materials with  
copper content less than 99,85 %**

Cuivre et alliages de cuivre - Détermination de la teneur en cuivre - Partie 1: Détermination par électrogravimétrie de la teneur en cuivre dans les alliages ayant une teneur en cuivre inférieure à 99,85 %

Kupfer und Kupferlegierungen - Bestimmung des Kupfergehaltes - Teil 1: Elektrolytische Bestimmung von Kupfer in Werkstoffen mit einem Kupfergehalt kleiner als 99,85 %

This European Standard was approved by CEN on 27 August 2011.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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## Foreword

This document (EN 16117-1:2011) 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of an identical text or by endorsement, at the latest by April 2012, and conflicting national standards shall be withdrawn at the latest by April 2012.

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.

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

— EN 16117-1, *Copper and copper alloys — Determination of copper content — Part 1: Electrolytic determination of copper in materials with copper content less than 99,85 %*.

This is one of two parts of the standard for the determination of the copper content of copper and copper alloys. The other part is:

— prEN 16117-2, *Copper and copper alloys — Determination of copper content — Part 2: Electrolytic determination of copper in materials with copper content higher than 99,80 %*.

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

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