

<b>STN</b>	<b>Med' a zliatiny medi. Stanovenie obsahu mangánu. Časť 1: Spektrofotometrická metóda.</b>	<b>STN P CEN/TS 15703-1</b>
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Copper and copper alloys - Determination of manganese content - Part 1: Spectrophotometric method

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

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**CEN/TS 15703-1**

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English Version

**Copper and copper alloys - Determination of manganese  
content - Part 1: Spectrophotometric method**

Cuivre et alliages de cuivre - Dosage du manganèse -  
Partie 1: Méthode spectrophotométrique

Kupfer und Kupferlegierungen - Bestimmung des  
Mangangehaltes - Teil 1: Spektrophotometrisches  
Verfahren

This Technical Specification (CEN/TS) was approved by CEN on 1 March 2009 for provisional application.

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## Foreword

This document (CEN/TS 15703-1:2009) 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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This is one of two parts of the standard/technical specification for the determination of manganese content in copper and copper alloys. The other part is:

— prEN 15703-2, *Copper and copper alloys — Determination of manganese content — Part 2: Flame atomic absorption spectrometric method (FAAS)*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, 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.

## **1 Scope**

This part of this Technical Specification specifies a spectrophotometric method for the determination of the manganese content of copper and copper alloys in the form of castings or unwrought or wrought products.

The method is applicable to products having manganese mass fractions between 0,025 % and 6,25 %.

## **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*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**