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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 223.18-2026

Replacing GB/T 223.18-1994

Iron, steel and alloy - Determination of copper content - Iodometric and spectrophotometric methods

钢铁及合金 铜含量的测定 碘量法和分光光度法

(English Translation)

Issued on: September 28, 2026 **Implemented on: April 1, 2027**

Issued by: State Administration for Market Regulation;
Standardization Administration of China

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1 Foreword

GB/T 223.18-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 28 September 2026 and takes effect on 1 April 2027.

It replaces the earlier edition GB/T 223.18-1994.

It is one of 136 parts of the GB/T 223 series.

2 Scope Preview

GB/T 223.18-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 76,457 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.

3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of China

4 Related standards

Other parts of this standard:

GB/T 223.1-1981 - Determination of carbon content in iron, steel and alloy

GB/T 223.2-1981 - Determination of sulphur content in iron, steel and alloy

GB/T 223.3-1988 - Methods for chemical analysis of iron, steel and alloy. The diantipyryl methane phosphomolybdate gravimetric method for the determination of phosphorus

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GB/T 223.3-2026 - Iron, steel and alloy - Determination of phosphorus content - Spectrophotometric method, titrimetric method and gravimetric method

GB/T 223.4-1988 - Methods for chemical analysis of iron, steel and alloy--The volumetric method for determination of manganese content by ammonium nitrate oxidation

GB/T 223.4-2008 - Alloyed steel - Determination of manganese content - Potentiometric or visual titration method

GB/T 223.5-1988 - Methods for chemical analysis of iron, steel and alloy--The oxalic acid-ferrous sulfate molybdosilicate blue complex photometric method for the determination of silicon content

GB/T 223.5-1997 - Methods for chemical analysis of iron, steel and alloy. The reduced molybdosilicate spectrophotometric method for the determination of acid-soluble silicon content

GB/T 223.5-2008 - Steel and iron -- Determination of acid-soluble silicon and total silicon content -- Reduced molybdosilicate spectrophotometric method

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