

Chemical analysis of ferrous materials — Determination of phosphorus in steels and irons — Spectrophotometric method

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British Standard

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This British Standard, having been prepared under the direction of the Iron and Steel Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 28 February 1992

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Contents

	Page
Cooperating organizations	Inside front cover
National foreword	ii
Brief history	2
Foreword	2
Text of EN 10184	3
National annex NA (informative) Committees responsible	Inside back cover

National foreword

This British Standard has been prepared under the direction of the Iron and Steel Standards Policy Committee and is the English language version of EN 10184:1989 “*Chemical analysis of ferrous materials — Determination of phosphorus in steels and irons — Spectrophotometric method*”, published by the European Committee for Standardization (CEN). It incorporates the Corrigendum EN 10184AC:1991. It supersedes BS 6200-3.24.1:1985, which is withdrawn.

A further method for the determination of phosphorus in ferrous materials will shortly be published as BS 6200-3.24.2. Full details of other British Standards relating to the chemical analysis of ferrous materials are given in BS 6200-3.0:1991.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Descriptors: Iron- and steel products, steels, cast iron, chemical analysis, determination of content, phosphorus, spectrophotometric analysis, phospho-vanado-molybdate, molecular absorption spectrophotometry.

English version

Chemical analysis of ferrous materials — Determination of phosphorus in steels and irons — Spectrophotometric method

Analyse chimique des matériaux
sidérurgiques — Dosage du phosphore dans les
aciers et fontes — Méthode
spectrophotométrique

Chemische Analyse von Eisenwerkstoffen —
Bestimmung von Phosphor in Stählen und
Eisen — Spektralphotometrisches Verfahren

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Brief history

This European Standard takes over the contents of EURONORM 184-87 "Chemical analysis of ferrous materials — Determination of phosphorus in steels and irons — Spectrophotometric method" prepared by ECISS/TC 20 "Methods of chemical analysis", the secretariat of which is allocated to the Dansk Standardiseringsraad (DS).

It was submitted to the CEN Formal Vote following the decision of the Coordinating Commission (COCOR) of the European Committee for Iron and Steel Standardization on 1987-11-24/25.

According to the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and United Kingdom.

Foreword

This European Standard specifies two methods for the spectrophotometric determination of phosphorus.

The first method is applicable to steels and irons and corresponds to International Standard ISO 2732:1984.

The second method is applicable to non-alloyed steels and irons.

Contents

	Page
Brief history	2
Foreword	2
Method 1	
1 Scope and field of application	3
2 Reference	3
3 Principle	3
4 Reagents	3
5 Apparatus	4
6 Sampling	4
7 Procedure	4
7.1 Test portion	4
7.2 Blank test	4
7.3 Determination	4
7.4 Establishment of the calibration graph	5
8 Expression of results	6
9 Notes	6
10 Test report	6
Method 2	
1 Scope and field of application	7
2 Reference	7
3 Principle	7
4 Reagents	7
5 Apparatus	8
6 Sampling	8
7 Procedure	8
7.1 Test portion	8
7.2 Blank test	8
7.3 Determination	8
7.4 Establishment of the calibration graph	9
8 Expression of results	10
9 Note	10
10 Test report	10
Annex Precision data	11