

Sampling and analysis of iron, steel and other ferrous metals —

Part 3: Methods of analysis —

Section 3.28 Determination of sulphur —

Subsection 3.28.2 Steel and cast iron: infra-red absorption method after combustion in an induction furnace

The European Standard EN 24935:1991 has the status of a
British Standard

Confirmed June 2009

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Iron and Steel Standards Policy Committee (ISM/-) to Technical Committee ISM/18, upon which the following bodies were represented:

- BCIRA
- British Forging Industry Association
- British Steel Industry
- Department of Trade and Industry (Laboratory of the Government Chemist)
- Ferro Alloys and Metals Producers' Association
- Ministry of Defence

This British Standard, having been prepared under the direction of the Iron and Steel Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 August 1990

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The following BSI references relate to the work on this standard:
Committee reference ISM/18
Draft for comment 87/43477 DC

ISBN 0 580 18429 3

Amendments issued since publication

Amd. No.	Date	Comments
7080	February 1992	Indicated by a sideline in the margin

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National foreword

This Subsection of BS 6200 has been prepared under the direction of the Iron and Steel Standards Policy Committee.

It is identical with ISO 4935:1989 “*Steel and iron — Determination of sulfur content — Infrared absorption method after combustion in an induction furnace*”, published by the International Organization for Standardization (ISO).

In 1991 the European Committee for Standardization (CEN) accepted ISO 4935:1989 as European Standard EN 24935:1991.

Cross-references

International standard	Corresponding British Standard
ISO 1042:1983	BS 1792:1982 <i>Specification for one-mark volumetric flasks</i> (Identical)
ISO 5725:1986	BS 5497 <i>Precision of test methods</i> Part 1:1987 <i>Guide for the determination of repeatability and reproducibility for a standard test method by inter-laboratory tests</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 377, ISO 385-1 and ISO 648, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. Related British Standards for ISO 377:1985, ISO 385-1:1984 and ISO 648:1977 are, respectively, BS 1837:1970 “*Methods for the sampling of iron, steel, permanent magnet alloys and ferro-alloys*”, BS 846:1985 “*Specification for burettes*” and BS 1583:1986 “*Specification for one-mark pipettes*”. Appropriate procedures from ISO 377 will be incorporated in BS 6200-2 “*Methods of sampling and sample preparation*”, which will be published in due course and which will supersede BS 1837.

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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 10, 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.

UDC 669.1:669.14:620.1:543.422.4:546.22

Descriptors: Steels, cast iron, chemical analysis, determination of content, sulphur, infrared spectroscopy, combustion analysis, induction furnaces

English version

Steel and cast iron — Determination of sulfur content — Infrared absorption method after combustion in an induction furnace

(ISO 4935:1989)

Aciers et fontes — Détermination du soufre —
Méthode par absorption dans l'infrarouge après
combustion dans un four à induction
(ISO 4935:1989)

Stahl und Eisen — Bestimmung des
Schwefelgehalts — Methode mit
Infrarotabsorption nach Verbrennung im
Induktionsofen
(ISO 4935:1989)

This European Standard was approved by CEN on 1991-12-20 and is identical to the ISO standard as referred to.

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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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