

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

Part 3: Methods of analysis —

Section 3.1 Determination of aluminium —

Subsection 3.1.4 Non-alloyed steel: flame atomic absorption spectrometric method

The European Standard EN 29658:1991 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 30 November 1990

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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 It supersedes BS 6200-3.1.4:1985, which is withdrawn.

It is identical with ISO 9658:1990 “*Steel — Determination of aluminium content — Flame atomic absorption spectrometric method*”, published by the International Organization for Standardization (ISO).

In 1991 the European Committee for Standardization (CEN) accepted ISO 9658:1990 as European Standard EN 29658:1991.

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 377:1989, 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 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.

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Descriptors: Steels, unalloyed steels, chemical analysis, determination of content, aluminium, atomic absorption spectrophotometry, flame photometry

English version

Steel — Determination of aluminium content — Flame atomic absorption spectrometric method

(ISO 9658:1990)

Aciers — Dosage de l'aluminium —
Méthode par spectrométrie d'absorption
atomique dans la flamme
(ISO 9658:1990)

Stahl — Bestimmung des Aluminiumgehalts —
Spektralfotometrische
Atomabsorptionsmethode
(ISO 9658:1990)

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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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Foreword

On the proposal of the Technical Committee ECISS/TC 20 the Coordinating Commission (COCOR) of the European Committee for Iron and Steel Standardization (ECISS) decided in May 1991 to submit the International Standard

ISO 9658:1990, *Steel — Determination of aluminium content — Flame atomic absorption spectrometric method*.

to the formal vote.

This European Standard EN 29658 was approved by CEN on 1991-12-20.

According to the CEN/CENELEC Internal Regulations, 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 the United Kingdom.