

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

Part 3.0: Reference methods of analysis — Summary of methods

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Committees responsible for this British Standard

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UK Steel Association
Welding Institute

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Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
1 Scope	1
2 Methods for the chemical analysis of iron, steel and other ferrous metals	1
Annex A (informative) European standards and corresponding subsections of BS 6200	9
Annex B (informative) International standards and corresponding subsections of BS 6200	10
Bibliography	11
Table 1 — Methods of analysis	2
Table A.1 — European standards and corresponding British Standards	9
Table B.1 — International standards and corresponding British Standards	10

Foreword

This section of BS 6200-3 has been prepared by Technical Committee ISE/18. It supersedes BS 6200-3.0:1991, which is withdrawn.

BS 6200 is a multipart British Standard covering all aspects of the sampling and analysis of ferrous materials and consists of the following parts:

- *Part 1: Introduction and contents;*
- *Part 2: Sampling and sample preparation;*
- *Part 3: Reference methods of analysis;*
- *Part 4: Recommendations for the order of listing elements in the chemical analysis of steel;*
- *Part 5: Guidelines on statistical procedures;*
- *Part 6: Guidelines on atomic absorption techniques;*
- *Part 7: Routine methods of analysis.*¹⁾

A general introduction to BS 6200 is given in Part 1, which lists the contents of all the existing parts, sections and subsections.

Part 3 consists of a summary of the available referee methods of analysis. It is divided into separate sections for each element being determined and each section is further divided into subsections for different techniques and/or different ranges of application. Section 3.0 summarizes briefly the scope and origin of all the subsections currently available.

This new edition has been prepared to bring Section 3.0 up to date.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 11 and a back cover.

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¹⁾ At the time of print BS 6200-7 was in preparation.

1 Scope

This section of BS 6200-3 provides a summary of all the methods of analysis which have been published as subsections of BS 6200-3 and also includes details of European standards which have been published separately as BS ENs.

2 Methods for the chemical analysis of iron, steel and other ferrous metals

The methods currently available as British Standards are listed in Table 1 in alphabetical order of the element being determined. Multi-element methods are presented at the end of the table after the alphabetical listing for individual elements. Attention is drawn to the fact that further information relating to the range or field of application can be found in the scope clause of individual standards.

A list of the European standards with corresponding British Standards is presented in Annex A. International standards which have been implemented as subsections of BS 6200-3 are listed in Annex B.