

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

Part 3: Methods of analysis —

Section 3.22 Determination of nitrogen —

Subsection 3.22.2 Steel: spectrophotometric method

[ISO title: Steel — Determination of nitrogen
content — Spectrophotometric method]

UDC 669.1:543.42.062:546.17

National foreword

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

It is identical with ISO 4945:1977 “Steel — Determination of nitrogen content — Spectrophotometric method” published by the International Organization for Standardization (ISO) and also incorporates the Erratum to ISO 4945 which was published in 1979.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following. The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-reference. The Technical Committee has reviewed the provisions of ISO/R 377, to which reference is made in clause 7, and has decided that they are acceptable for use in conjunction with this standard.

A related standard to ISO/R 377 is BS 1837 “Methods for the sampling of iron, steel, permanent magnet alloys and ferro-alloys”. Appropriate procedures from ISO/R 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.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, 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.

Amendments issued since publication

Amd. No.	Date of issue	Comments

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