

Methods for

Analysis and testing of coal and coke —

**Part 106: Ultimate analysis of coal and
coke —**

**Section 106.2 Determination of nitrogen
content**

ICS 73.040; 75.160.10

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee SFI/3, Analysis and testing of coal and coke, upon which the following bodies were represented:

- British Cement Association
- British Coal Corporation
- British Iron and Steel Producers Association
- Electricity Association
- GAMBICA (BEAMA Ltd.)
- Power Generation Contractors Association — PGCA (BEAMA Ltd.)

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National foreword

This British Standard has been prepared by SFI/3 and is identical with ISO 333:1996 *Coal — Determination of nitrogen — Semi-micro Kjeldahl method*, including Technical Corrigendum 1:1996, published by the International Organization for Standardization (ISO) and in the preparation of which the UK played a full part.

BS 1016-106 will form a revision of Parts 6 to 11 of BS 1016. This Section supersedes clauses 5 and 7 and those parts of clause 11 relating to nitrogen in BS 1016-6. The principal difference is that only one type of catalyst is used. A method suitable for both coal and coke is being prepared.

BS 1016-106 is part of a rationalized and restructured BS 1016. The Parts numbered from 1 to 21 are gradually being withdrawn and replaced by Parts in the new series. The full list of Parts in the new series, together with corresponding numbering of the old series and related International Standards, is given BS 1016 *Analysis and testing of coal and coke* Part 100:1994 *General introduction and methods for reporting results*.

Cross-references. The Technical Committee has reviewed the provisions of ISO 331:1983, ISO 1015:1992, ISO 1170:1977, ISO 1988:1975, ISO 5068:1983 and ISO 5069-2:1983 to which normative reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

A British Standard related to ISO 331:1983 is BS 1016 *Methods for analysis and testing of coal and coke* Section 104.1:1991 *Determination of the moisture content of the general analysis sample of coal*.

A British Standard related to ISO 1170:1977 is BS 1016 *Methods for analysis and testing of coal and coke* Part 100:1994 *General introduction and methods for reporting results*.

British Standards related to ISO 1988:1975 are BS 1017 *Sampling of coal and coke* Part 1:1989 *Methods for sampling of coal* and Part 2:1994 *Methods for sampling of coke*. ISO 1988 are being revised and will be published in eight Parts, and it is intended to implement these Parts as identical British Standards, superseding BS 1017.

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

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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.