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Methods for

Analysis and testing of coal and coke —

Part 108: Tests special to coke —

**Section 108.6 Determination of critical
air blast value**

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Solid Mineral Fuels Standards Policy Committee (SFC/-) to Technical Committee SFC/3, upon which the following bodies were represented:

- British Cement Association
- British Coal Corporation
- British Gas plc
- British Steel Industry
- Electricity Industry in United Kingdom
- GAMBICA (BEAMA Ltd.)
- Institute of Petroleum
- Power Generation Contractors' Association (BEAMA Ltd.)

This British Standard, having been prepared under the direction of the Solid Mineral Fuels Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 July 1992

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The following BSI references relate to the work on this standard:
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Amendments issued since publication

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Foreword

This Section of BS 1016 has been prepared under the direction of the Solid Mineral Fuels Standards Policy Committee. Part 108 is a revision of the 1980 edition of BS 1016-13, which is withdrawn. This Section supersedes clause 9 in BS 1016-13:1980, to which it is technically equivalent and which is deleted by amendment.

Part 108 is a further Part numbered under a scheme for rationalizing and restructuring BS 1016. The new series, when complete, will begin with Part 100, which will include a general introduction. The earlier series of Parts is as follows, with the new Part numbers (which will be given to revisions when they are published) in parentheses.

- *Part 1: Total moisture of coal;* (Part 101)
- *Part 2: Total moisture of coke;* (Part 102)
- *Part 6: Ultimate analysis of coal;* (Part 106)
- *Part 7: Ultimate analysis of coke;* (Part 106)
- *Part 8: Chlorine in coal and coke;* (Part 106)
- *Part 9: Phosphorus in coal and coke;* (Part 106)
- *Part 10: Arsenic in coal and coke;* (Part 106)
- *Part 11: Forms of sulphur in coal;* (Part 106)
- *Part 14: Analysis of coal ash and coke ash;* (Part 114)
- *Part 15: Fusibility of coal ash and coke ash;* (Part 113)
- *Part 16: Methods for reporting results;* (Part 100)
- *Part 17: Size analysis of coal;* (Part 109)
- *Part 18: Size analysis of coke;* (Part 110)
- *Part 20: Determination of Hardgrove grindability index of hard coal;* (Part 112)
- *Part 21: Determination of moisture-holding capacity of hard coal.* (Part 103)

The following Parts in the new series have been published.

- *Part 104: Proximate analysis;*
- *Part 105: Determination of calorific value;*
- *Part 107: Caking and swelling properties of coal;*
- *Part 108: Tests special to coke;*
- *Part 111: Determination of abrasion index of coal.*

Part 108 is divided into six Sections as follows.

- *Section 108.1: Determination of shatter indices;*
- *Section 108.2: Determination of Micum and Irsid indices;*
- *Section 108.3: Determination of bulk density (small container);*
- *Section 108.4: Determination of bulk density (large container);*
- *Section 108.5: Determination of density and porosity;*
- *Section 108.6: Determination of critical air blast value.*

There is no corresponding International Standard for this Section of BS 1016.

WARNING. This British Standard does not necessarily detail all the precautions necessary to comply with the requirements of the Health and Safety at Work etc. Act 1974 [1] or the Control of Substances Hazardous to Health Regulations 1988 [2]. Attention should be paid to any appropriate precautions and the method should be operated only by trained personnel.

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 to iv, 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.