

Specification for

Incinerators —

For waste from trade and residential
premises —

Part 1: Capacities between 50 lb/h
and 1000 lb/h

Co-operating organizations

The Solid Fuel Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- Association of Boiler Setters, Chimney and Furnace Constructors
- Association of British Chemical Manufacturers
- Association of Consulting Engineers
- British Cast Iron Research Association
- British Chemical Plant Manufacturers' Association
- British Coal Utilisation Research Association
- British Coke Research Association
- British Coking Industry Association
- British Electrical and Allied Manufacturers' Association*
- British Iron and Steel Federation
- British Ironfounders' Association
- British Mechanical Engineering Federation
- Chamber of Coal Traders
- Coal Utilisation Council
- Coke Oven Managers' Association
- Combustion Engineering Association
- Council of Ironfoundry Associations
- Electricity Council, the Generating Board and Area Boards in England and Wales*
- Federation of British Industries
- Gas Council*
- Heating and Ventilating Contractors Association
- Imperial Chemical Industries Limited
- Institute of British Foundrymen
- Institute of Fuel
- Institution of Chemical Engineers
- Institution of Gas Engineers
- Institution of Heating and Ventilating Engineers*
- Institution of Mechanical Engineers
- Iron and Steel Institute
- Low Temperature Coal Distillers' Association of Great Britain, Ltd.
- Ministry of Housing and Local Government*
- Ministry of Power
- Ministry of Public Building and Works
- National Coal Board
- Society of British Gas Industries*
- Water-tube Boilermakers' Association
- Women's Advisory Council on Solid Fuel

The Government department and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this standard:

This British Standard, having been approved by the Solid Fuel Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 9 November 1964

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The following BSI references relate to the work on this standard:
Committee reference SFE/34
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- Association of Municipal Corporations
- British Fire Services Association
- Institute of Public Cleansing
- Metropolitan Boroughs Standing Joint Committee (Refuse Sub-Committee)
- Individual manufacturers

Amendments issued since publication

Amd. No.	Date	Comments

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Foreword

This standard makes reference to the following British Standards and Code of Practice:

BS 799, *Oil burning equipment*.

BS 1041, *Code for temperature measurement*.

BS 1250, *Domestic appliances burning town gas — Part 1: General requirements*.

BS 2742, *Notes on the use of the Ringelmann Chart*.

BS 3107, *Small incinerators for the destruction of hospital dressings*.

BS 3316, *Large incinerators for the destruction of hospital waste*.

BS 3561, *Non-domestic space heaters burning town gas*.

CP 331.104, *Flues for gas appliances*.

During the preparation of BS 3316, “*Large incinerators for the destruction of hospital waste*”, attention was drawn to the need for the standardization of incinerators which could be used for more diverse purposes and a request was received from the Gas Council that the possibility of such standardization should be explored. Accordingly, authorization was obtained to undertake the work and invitations were issued to organizations and manufacturers concerned in this field in order to establish a Technical Committee.

The present standard has been limited to the range of capacities stated so that requirements can be specified in somewhat general terms, but it is appreciated that work is required on incinerators outside the present range of capacities in order to cover the field adequately. It is not envisaged at present that any specifications should be prepared for incinerators designed for special purposes.

NOTE Where metric equivalents are stated the figures in British units are to be regarded as the standard. The metric conversions, including those in Appendix E, are approximate. More accurate conversions should be based on the tables in BS 350, “*Conversion factors and tables*”.

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.