

Tests on electric cables under fire conditions —

**Part 2: Method of test on a single small
vertical insulated wire or cable —**

**(Implementation of CENELEC
HD 405.2 S1)**

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- Aluminium Federation
- Association of Consulting Engineers
- Association of Manufacturers of Domestic Electrical Appliances
- British Approvals Service for Electric Cables
- British Cable Makers' Confederation
- British Plastics Federation
- British Railways Board
- British Steel Industry
- British Telecommunications Plc.
- Department of the Environment (Property Services Agency)
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- ERA Technology Ltd.
- Electricity Supply Industry in England and Wales
- Engineering Equipment and Materials Users' Association
- Institution of Electrical Engineers
- London Regional Transport

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Association of Supervisory and Executive Engineers
- British Rubber Manufacturers' Association
- GAMBICA (BEAMA Ltd.)
- Home Telephone Cable Makers' Association (1960)
- Ministry of Defence
- Queen Mary College Industrial Research

This British Standard, having been prepared under the direction of the General Electrotechnical Engineering Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 October 1989

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National foreword

This Part of BS 4066 has been prepared under the direction of the General Electrotechnical Engineering Standards Policy Committee as a Part of BS 4066 which deals with flame propagation tests for cables. It is identical with IEC Publication 332-2:1989 “Tests on electric cables under fire conditions”, Part 2 “Tests on a single small vertical insulated copper wire or cable” published by the International Electrotechnical Commission (IEC) and implements ¹⁾CENELEC Harmonization Document HD 405.2 S1.

BS 4066 closely follows the contents of IEC Publication 332.

BS 4066-1:1980 gives a method of test for flame propagation characteristics for a single vertical insulated wire or cable. It is identical with IEC Publication 332-1 and implements ¹⁾CENELEC Harmonization Document HD 405.1.

This Part of BS 4066 specifies a method of testing small insulated wire under fire conditions when the method specified in BS 4066-1 is not suitable.

BS 4066-3:1986 gives a method for classification of flame propagation characteristics of bunched cables and is related to IEC Publication 332-3.

It is assumed in the drafting of this British Standard that the execution of its provisions is entrusted to appropriately qualified and experienced people.

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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the HD title page, pages 2 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.

¹⁾ CENELEC = European Committee for Electrotechnical Standardization.