

# Noise emitted by computer and business equipment —

## Part 2: Method of measurement of high-frequency noise

UDC 534.6:534.835.463:651.2:681.3

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Environment and Pollution Standards Policy Committee (EPC/-) to Technical Committee EPC/1, upon which the following bodies were represented:

Association of Consulting Engineers  
British Broadcasting Corporation  
British Occupational Hygiene Society  
British Telecommunications plc  
Department of Health  
Department of the Environment (Building Research Establishment)  
Department of Trade and Industry (Air Division)  
Department of Trade and Industry (National Physical Laboratory)  
Engineering Equipment and Materials Users' Association  
Health and Safety Executive  
Incorporated Association of Architects and Surveyors  
Institute of Acoustics  
Institute of Occupational Hygienists  
Institute of Physics  
Institute of Sound and Vibration Research  
Institution of Civil Engineers  
Institution of Electronic and Radio Engineers  
Royal Institute of British Architects  
Transmission and Distribution Association (BEAMA Ltd.)

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

AFRC Institute of Engineering Research  
Advanced Manufacturing Technology Research Institute  
Agricultural Engineers Association  
British Cement Association  
British Compressed Air Society  
British Hydromechanics Research Association  
British Steel Corporation  
Business Equipment and Information Technology Association  
Construction Industry Research and Information Association  
Department of Trade and Industry (National Engineering Laboratory)  
Federation of Association of Specialists and Sub-Contractors  
Federation of Manufacturers of Construction Equipment and Cranes  
Federation of Piling Specialists  
Hevac Association  
Institution of Mechanical Engineers  
Institution of Production Engineers  
Rotating Electrical Machines Association (BEAMA Ltd.)  
Society of Motor Manufacturers and Traders Ltd.

This British Standard, having been prepared under the direction of the Environment and Pollution Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 29 September 1989

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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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# National foreword

This Part of BS 7135 has been prepared under the direction of the Environment and Pollution Standards Policy Committee and is identical with ISO 9295:1988, “Acoustics — Measurement of high-frequency noise emitted by computer and business equipment”, published by the International Organization for Standardization (ISO). ISO 9295 was prepared by subcommittee 1, Noise, of ISO Technical Committee 43, Acoustics, with the active participation and approval of the UK.

In 1991 the European Committee for Standardization (CEN) accepted ISO 9295:1988 as European Standard EN 29295:1991.

BS 7135 at present comprises the following Parts:

- *Part 1: Method of measurement of airborne noise;*
- *Part 2: Method of measurement of high-frequency noise;*
- *Part 3: Method for determining and verifying declared noise emission values.*

## Cross-references

| International Standard | Corresponding British Standard                                                                                                               |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| ISO 7779:1988          | BS 7135 <i>Noise emitted by computer and business equipment</i><br>Part 1:1989 <i>Method of measurement of airborne noise</i><br>(Identical) |

The Technical Committee has reviewed the provisions of the draft of ISO 6926 to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

**Textual error.** When adopting the text of the International Standard, the textual error given below was discovered. It has been marked in the text and has been reported to ISO in a proposal to amend the text of the International Standard.

In **3.6**, five lines from the end of the clause “sound level” should be read as “sound pressure level”.

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, the EN title page, pages 2 to 14, 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.

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Descriptors: Acoustics, acoustic tests, acoustic measurement, high frequencies, engine noise, office machines, data processing equipment, sound pressure, sound power

English version

## Acoustics — Measurement of high-frequency noise emitted by computer and business equipment

(Identical to ISO 9295:1988)

Acoustique — Mesurage du bruit à haute fréquence émis par les matériels informatique et de bureau  
(Identique à l'ISO 9295:1988)

Akustik — Messung von hochfrequentem Geräusch von Geräten der Büro- und Informationstechnik  
(Identisch mit ISO 9295:1988)

This European Standard was approved by CEN on 7th October 1991 and is identical to the ISO standard as referred to CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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# CEN

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Europäisches Komitee für Normung

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## Foreword

This European Standard has been taken over by CEN/TC 211 “Acoustics” from the work of the International Organization for Standardization (ISO).

This document has been submitted to the formal vote and has been approved.

National Standards identical to this European Standard shall be published at the latest by 92-04-09 and conflicting national standards shall be withdrawn at the latest 92-04-09.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

## Endorsement notice

The text of the International Standard ISO 9295:1988 has been approved by CEN as a European Standard without any modification.