

Brush saws —

Part 1: Method of measurement at the operator's position of emitted airborne noise

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	Health and Safety Executive
British Broadcasting Corporation	Incorporated Association of Architects and Surveyors
British Occupational Hygiene Society	Institute of Acoustics
British Telecommunications plc	Institute of Occupational Hygienists
Department of Health	Institute of Physics
Department of the Environment (Building Research Establishment)	Institute of Sound and Vibration Research
Department of Trade and Industry (Air Division)	Institution of Civil Engineers
Department of Trade and Industry (National Physical Laboratory)	Institution of Electronic and Radio Engineers
Engineering Equipment and Materials Users' Association	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	Federation of Associations of Specialists and Sub-Contractors
Advanced Manufacturing Technology Research Institute	Federation of Manufacturers of Construction Equipment and Cranes
Agricultural Engineers' Association	Federation of Piling Specialists
British Cement Association	Hevac Association
British Compressed Air Society	Institution of Mechanical Engineers
British Hydromechanics Research Association	Institution of Production Engineers
British Steel Corporation	Rotating Electrical Machines Association (BEAMA Ltd.)
Business Equipment and Information Technology Association	Society of Motor Manufacturers and Traders Ltd.
Construction Industry Research and Information Association	
Department of Trade and Industry (National Engineering Laboratory)	

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 30 November 1989

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The following BSI references relate to the work on this standard:
Committee reference EPC/1
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Amendments issued since publication

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National foreword

This Part of BS 7136 has been prepared under the direction of the Environment and Pollution Standards Policy Committee. It is identical with ISO 7917:1987 “Acoustics — Measurement at the operator’s position of airborne noise emitted by brush saws” which was prepared jointly by Sub-committee 1, Noise, of ISO/TC 43, Acoustics, and ISO/TC 23, Tractors and machinery for agriculture and forestry, of the International Organization for Standardization (ISO) with the active participation and approval of the UK.

In 1991 the European Committee for Standardization (CEN) accepted ISO 7917:1987 as European Standard EN 27917:1991.

Further Parts of BS 7136 will be prepared as required.

Cross-references

International Standard	Corresponding British Standard
ISO 266:1975	BS 3593:1963 (1986) <i>Recommendation on preferred frequencies for acoustical measurements</i> (Technically equivalent)
IEC Publication 225:1966	BS 2475:1964 <i>Specification for octave and one-third octave band-pass filters</i> (Technically equivalent)
IEC Publication 651:1979	BS 5969:1981 <i>Specification for sound level meters</i> (Identical)

The Technical Committee has reviewed the provisions of the draft of ISO 8893, to which references are made in 8.1 and 8.3 and has decided that they are acceptable for use in conjunction with this standard. ISO 6081 is referred to in a note to clause 1 only. The related British Standard to ISO 6081 is BS 7025.

Additional information. Attention is drawn to the existence of BS 6698 “Specification for integrating-averaging sound level meters”. Meters of this type are suitable for certain of the measurements referred to in this standard that are to be carried out using meters complying with BS 5969. It is hoped to incorporate a method using integrating-averaging sound level meters when this standard is revised.

It should be noted that 4.1 and 4.2 describe alternatives, and in a British Standard these would normally have been worded accordingly.

Textual error. When adopting the text of the International Standard, the following textual error 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 the penultimate line of 4.1 delete “should” and substitute “shall”.

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 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.