

Safety of earth-moving machinery —

Part 3: Sound test method for machine-mounted forward and reverse warning alarm

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Road Engineering Standards Policy Committee (RDB/-) to Technical Committee RDB/21, upon which the following bodies were represented:

- AFRC Institute of Engineering Research
- Associated Offices Technical Committee
- British Coal Corporation
- Construction Industry Training Board
- Construction Plant-hire Association
- Federation of Civil Engineering Contractors
- Federation of Manufacturers of Construction Equipment and Cranes
- Health and Safety Executive
- Institution of Civil Engineers
- Institution of Highways and Transportation
- Ministry of Defence

This British Standard, having been prepared under the direction of the Road Engineering Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 October 1990

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National foreword

This Part of BS 6912 has been prepared under the direction of the Road Engineering Standards Policy Committee. It is identical with ISO 9533:1989 “*Earth-moving machinery — Machine-mounted forward and reverse audible warning alarm — Sound test method*” published by the International Organization for Standardization (ISO).

ISO 9533 was produced as a result of international discussion in which the UK took an active part.

Cross-references

International standard	Corresponding British Standard
ISO 5353:1978	BS 5631:1978 <i>Specification for earth moving machinery and tractors and machinery for agriculture and forestry — seat index point</i> (Identical)
ISO 6165:1987	BS 6914 <i>Terminology (including definitions of dimensions and symbols) for earth-moving machinery</i> Part 1:1988 <i>Glossary of terms for basic types of earth-moving machinery</i> (Identical)
ISO 6393:1985	BS 6812 <i>Airborne noise emitted by earth-moving machinery</i> Part 1:1987 <i>Method of measurement of exterior noise in a stationary test condition</i> (Identical)
ISO 6394:1985	Part 2:1987 <i>Method of measurement at the operator’s position in a stationary test condition</i> (Identical)
IEC 651:1979	BS 5969:1981 <i>Specification for sound level meters</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 4872:1978 and ISO 6081:1986 to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

Attention is drawn to BS 7025:1988 “*Method for preparation of test codes of engineering grade for measurement at the operator’s or bystander’s position of noise emitted by machinery*” which is related to ISO 6081. The text of ISO 6081 was used as a basis for BS 7025 and a number of amendments were incorporated. The principle changes that were made are as follows.

a) 0.3 of ISO 6081:1986 which deals with measurement uncertainty was deleted because in the opinion of the UK experts, there were insufficient published data available to justify the figures quoted. As a consequence of this deletion, Table 2 of ISO 6081:1986 was renumbered as Table 1 of BS 7025:1988.

b) Annexes A and B of ISO 6081:1986 are informative and do not contain requirements. Therefore they do not form an integral part of BS 7025.

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

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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.