BRITISH STANDARD

BS 7334-7: 1992
ISO 8322-7: 1991

Measuring instruments for building construction —

Part 7: Methods for determining accuracy in use of instruments when used for setting out

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Basic Data and Performance Criteria for Civil Engineering and Building Structures Standards Policy Committee (BDB/-) to Technical Committee BDB/4, upon which the following bodies were represented:

Association of County Councils
Brick Development Association
British Standards Society
Building Employers' Confederation
Chartered Institution of Building Services Engineers
Concrete Society
Department of Education and Science
Department of the Environment (Building Research Establishment)
Incorporated Association of Architects and Surveyors
Institute of Clerks of Works of Great Britain Inc.
Institution of Civil Engineers
Institution of Structural Engineers
Institution of Water and Environmental Management
Royal Institute of British Architects
Royal Institution of Chartered Surveyors
Society of Chief Architects of Local Authorities

The following body was also represented in the drafting of the standard, through subcommittees and panels:

Chartered Institute of Building

This British Standard, having been prepared under the direction of the Basic Data and Performance Criteria for Civil Engineering and Building Structures Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on
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The following BSI references relate to the work on this standard:
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National foreword

This Part of BS 7334 has been prepared under the direction of the Basic Data and Performance Criteria for Civil Engineering and Building Structures Standards Policy Committee. It is identical with ISO 8322-7:1991 "*Building construction — Measuring instruments — Procedures for determining accuracy in use — Part 7: Instruments when used for setting out*" published by the International Organization for Standardization (ISO), and gives the testing procedures to be adopted for instruments used for setting out.

The series of Parts comprising BS 7334 will assist in ascertaining whether particular measuring equipment is appropriate to intended measuring tasks; they are also intended for assessing the accuracy in use of measuring instruments in general use on construction sites. The Parts are referred to in BS 5606:1990 "*Guide to accuracy in building*".

ISO 8322 consists of the following parts, under the general title "*Building construction — Measuring instruments — Procedures for determining accuracy in use*":

— *Part 1: Theory;*
— *Part 2: Measuring tapes;*
— *Part 3: Optical levelling instruments;*
— *Part 4: Theodolites;*
— *Part 5: Optical plumbing instruments;*
— *Part 6: Laser instruments;*
— *Part 7: Instruments when used for setting out;*
— *Part 8: Electronic distance-measuring instruments up to 150 m;*
— *Part 9: Electronic distance-measuring instruments up to 500 m;*
— *Part 10: Testing short-range reflectors.*

Cross-references

International standard	Corresponding British Standard
ISO 3534:1977[a]	BS 5532 *Statistical terminology* Part 1:1978 *Glossary of terms relating to probability and general terms relating to statistics* (Identical)
ISO 4463-1:1989	BS 5964 *Building setting out and measurement* Part 1:1990 *Methods of measuring, planning and organization and acceptance criteria* (Identical)
ISO 7078:1985	BS 6953:1988 *Glossary of terms for procedures for setting out, measurement and surveying in building construction (including guidance notes)* (Identical)

[a] ISO 3534 is also related to BS 4778 "*Quality vocabulary*" — Part 2:1979 "*National terms*".

The Technical Committee has reviewed the provisions of ISO 7077, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

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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 to iv, pages 1 to 12, 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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