

Method for

Presentation of dimensional accuracy data in building constructions

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
- 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)
- Department of the Environment (Property Services Agency)
- Incorporated Association of Architects and Surveyors
- Institute of Building Control
- 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

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 Board of BSI and comes into effect on 28 September 1990

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The following BSI references relate to the work on this standard:
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National foreword

This British Standard, which has been prepared under the direction of the Basic Data and Performance Criteria for Civil Engineering and Building Structures Standards Policy Committee, is identical with ISO 7737 “*Tolerances for building — Presentation of dimensional accuracy data*” published by the International Organization for Standardization (ISO).

This standard is referred to in BS 5606, “*Code of practice for accuracy in buildings*” as a means of presenting dimensional accuracy data, and will aid the collection of further data, for future incorporation into BS 5606.

The information given in BS 5606 can therefore be extended and updated.

Readers of this standard are encouraged to record measured data in the manner recommended, and to forward it to the Secretary of BDB/4, BSI, 2 Park Street, London W1A 2BS.

Cross-references

International Standard	Corresponding British Standard
ISO 1791:1983	BS 6100 <i>Glossary of building and civil engineering terms</i> Subsection 1.5.1:1984 <i>Coordination of dimensions; tolerances and accuracy</i> (Technically equivalent) BS 6954 <i>Tolerances for building</i>
ISO 3443-1:1979	Part 1:1988 <i>Recommendations for basic principles for evaluation and specification</i> (Identical)
ISO 3443-2:1979	Part 2:1988 <i>Recommendations for statistical basis for predicting fit between components having a normal distribution of sizes</i> (Identical)
ISO 3443-3:1987	Part 3:1988 <i>Recommendations for selecting target size and predicting fit</i> (Identical)
ISO/DIS 5479	BS 2846 <i>Guide to statistical interpretation of data</i> Part 7:1984 <i>Tests for departure from normality</i> (Technically equivalent) BS 7307 <i>Building tolerances. Measurement of buildings and building products</i>
ISO 7976-1:1989	Part 1:1990 <i>Methods and instruments</i> (Identical)
ISO 7976-2:1989	Part 2:1990 <i>Position of measuring points</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 1803-1, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. A related standard to ISO 1803-1:1985 is BS 6100 “*Glossary of building and civil engineering terms*” Subsection 1.5.1:1984 “*Coordination of dimensions; tolerances and accuracy*”.

Reference is made in the text to ISO 3443-4, which provides an alternative calculation procedure to that given in BS 6954-3. The procedure given in BS 6954-3 is considered to be preferable and can be used without reference to ISO 3443-4, which has not been adopted by the UK.

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 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.

