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## **Structuring of technical information and documentation**

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## Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal of establishing a Japanese Industrial Standard from Japanese Standards Association (JSA), with a draft of Industrial Standard based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

This Standard has been made based on **IEC 62023:2000** *Structuring of technical information and documentation* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,  
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# Structuring of technical information and documentation

**Introduction** This Japanese Industrial Standard has been prepared based on the first edition of **IEC 62023** *Structuring of technical information and documentation* published in 2000 without modifying the technical contents.

The portions underlined with dots are the matters not stated in the original International Standard.

This Standard can be seen as a bridge between system structuring principles and documentation structuring principles, in that it provides

- standardization of common practice in manufacturing industry with regard to the organization of information/documentation according to the product structure by means of a main document;
- further detailing and formalization of guidance already given in clause **6** of **JIS C 0451**, by the general establishment of the main document concept with explicit referencing to complementary documents in a document set for a technical object; and
- application of the object concept from the structuring principles of **JIS C 0452-1** in the area of document structuring. It goes beyond the existing publications in that it shows how objects with several aspects can be kept together in a systematic way.

In Product Data Management (PDM) systems the “objects” in the product structure, which are configuration controlled information objects, correspond logically to main documents. However, although they fulfil all the requirements necessary to be documents, they are sometimes not considered as documents.

**1 Scope** This Standard provides rules for the structuring of technical information and documentation, based on the use of a main document (leading document) for the keeping together of information for each object.

NOTES 1 For the definition of a main document, see **3.3.1**.

- 2 The International Standard corresponding to this Standard is as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

IEC 62023 : 2000 *Structuring of technical information and documentation* (IDT)

**2 Normative references** The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. If the indication of the year of publication is given to these referred standards, only the edition of the indicated year constitutes the provision of this Standard but the revision and amendment made