

INTERNATIONAL ISO
STANDARDS

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Technical product documentation — Life cycle model and allocation of documents

Documentation technique de produits — Modèles de cycle de vie et affectation de documents



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 15226 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 1, *Basic conventions*.

Annexes A, B and C of this International Standard are for information only.

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Introduction

Technical product documentation (TPD) is becoming more and more extensive, and in order to give protection against claims related to product liability it is necessary to store technical documents for a long period of time. Growing knowledge in all technical disciplines is reflected by increasing documentation. As companies transfer parts of production to sub-suppliers, the exchange of documentation among companies increases accordingly. The necessity to interchange larger amounts of technical information more frequently increases the importance of product documentation management and justifies standardization in this area, if only for economic reasons.

The method described in this International Standard meets the principal requirements of product documentation management:

- documentation as easy to understand as possible so that, for example, every user of a document knows who has prepared the document and which other documents have been used in its preparation;
- simultaneous or concurrent engineering consisting of parallel activities during the product life cycle;
- implementation of project management techniques with the registration of the document flow in the company;
- registration and proof of existing documents in a documentation overview;
- control and coordination of paper documentation and electronic documentation;
- clear delineation of responsibilities, processes, results and persons responsible for preparing documents.

This International Standard results from the obvious need to establish common principles for dealing with technical documentation in a company.