
**Technical product documentation —
Handling of computer-based technical
information —**

Part 5:

Documentation in the conceptual design stage
of the development phase

*Documentation technique de produits — Gestion des informations
techniques assistée par ordinateur —*

*Partie 5: Documentation au stade initial de la conception, dans la phase de
développement*



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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 11441-5 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 1, *Basic conventions*.

ISO 11442 consists of the following parts, under the general title *Technical product documentation — Handling of computer-based technical information*:

- *Part 1: Security requirements*
- *Part 2: Original documentation*
- *Part 3: Phases in the product design process*
- *Part 4: Document management and retrieval systems*
- *Part 5: Documentation in the conceptual design stage of the development phase*
- *Part 6: Rules for revision*
- *Part 7: Structuring CAD files from an administrative point of view*
- *Part 8: Data fields for title blocks, item lists and revision blocks*
- *Part 9: Terminology*

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1 Scope

This part of ISO 11442 gives guidelines for establishing internal company rules for documentation during the conceptual design stage. These rules apply to manual as well as computer-based design work.

2 Normative references

The following normative documents contain provisions which, through references in this text, constitute provisions of this part of ISO 11442. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 11442 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 11442-3:1993, *Technical product documentation — Handling of computer-based technical information — Part 3: Phases in the product design process*.

ISO 11442-9:—¹⁾, *Technical product documentation — Handling of computer-based technical information — Part 9: Terminology*.

3 Terms and definitions

For the purposes of this part of ISO 11442, the terms and definitions given in ISO 11442-9 apply.

4 General

The development phase (see ISO 11442-3) is the initial part of the product development process which results in technical documents for product definitions. See Figure 1.

The development phase consists of the conceptual design stage and the final design stage.

¹⁾ To be published.