

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

**Part 2. Original documentation**

The European Standard EN ISO 11442-2 : 1996 has the status of a  
British Standard

ICS 01.100; 35.240.10

## Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee TDE/4, Engineering drawing practice, upon which the following bodies were represented:

Atomic Weapons Establishment  
British Gas plc  
British Standards Society  
Drawing Office Material Manufacturers' and Dealers' Association  
Electricity Association  
Gauge and Tools Makers' Association  
HEVAC Association  
Institution of Chemical Engineers  
Institution of Engineering Designers  
Power Generation Contractors' Association  
Society of British Aerospace Companies Ltd.  
University of Warwick

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on  
15 August 1996

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### Amendments issued since publication

| Amd. No. | Date | Text affected |
|----------|------|---------------|
|          |      |               |
|          |      |               |
|          |      |               |
|          |      |               |
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The following BSI references relate to the work on this standard:  
Committee reference TDE/4  
Draft announced in *BSI News*  
August 1996

ISBN 0 580 26190 5

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## National foreword

This British Standard has been prepared by Technical Committee TDE/4 and is the English language version of EN ISO 11442-2 : 1996 *Technical product documentation — Handling of computer-based technical information — Part 2: Original documentation*, published by the European Committee for Standardization (CEN). It is identical with ISO 11442-2 : 1993 published by the International Organization for Standardization (ISO).

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

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ICS 01.100.10; 35.240.10

Descriptors: Design, drawings, technical drawings, computer applications, computer aided design, specifications, documentation

English version

Technical product documentation —  
Handling of computer-based technical information —  
Part 2: Original documentation

(ISO 11442-2 : 1993)

Documentation technique de produits —  
Gestion des informations techniques assistée par  
ordinateur —  
Partie 2: Documentation originale  
(ISO 11442-2 : 1993)

Technische Produktdokumentation —  
Rechnerunterstützte Handhabung von technischen  
Daten —  
Teil 2: Originaldokumentation  
(ISO 11442-2 : 1993)

This European Standard was approved by CEN on 1996-03-02. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels



### **Foreword**

The text of the International Standard from Technical Committee ISO/TC 10, Technical drawings, product definition and related documentation, of the International Organization for Standardization (ISO) has been taken over as a European Standard by the Technical Board of CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 1996, and conflicting national standards shall be withdrawn at the latest by October 1996.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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

## Part 2: Original documentation

### 1 Scope

This part of ISO 11442 describes original documents and related terms for use in computer-based product design processes; it also applies to manual design processes.

### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 11442. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 11442 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 10209-1:1992, *Technical product documentation — Vocabulary — Part 1: Terms relating to technical drawings: general and types of drawings.*

ISO/TR 10623:1991, *Technical product documentation — Requirements for computer-aided design and draughting — Vocabulary.*

### 3 Definitions

For the purposes of this part of ISO 11442, the definitions given in ISO 10209-1 apply. Further terminology is given in ISO/TR 10623. Some of these terms are more fully described in clause 4.

### 4 Descriptions

The following descriptions are used in order to assist in the application and understanding of the documentation system.

#### 4.1 Original document

An original document is the combination of the original data and the original medium on which they are recorded, constituting the technical definition of a product and also forming the base to which changes are made during the life of the product.

In the manual production of design documents, the medium for design data, in the form of figures and text, is natural tracing paper or draughting film. This document is the original drawing and is then called the original document. When the original document is computer-based, the data medium is for example magnetic tape, magnetic disk or optical disk, and the data is alphanumeric and/or graphic. Any revisions required take place on this original document.

The structural relationship of the elements comprising an original document — manual as well as computer-based — is presented schematically in figure 1.

#### 4.2 Original medium

The same basic conditions apply for both computer-based documents and paper-based documents, with the one major difference that for the former the information is recorded using tape or disk as the original medium instead of natural tracing paper or draughting film.

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### 4.3 Original data

Original data is the data set which has been authorized for further handling by a checking and approval process.

### 4.4 Master print

The master print is a document used strictly for reproduction of hard copies.

In computer-aided design, this can be a plotted document or an aperture card directly or indirectly produced.

In certain manual processes of document production, transparencies are often used for this purpose.

### 4.5 Signature document

Original documents require ordinary approval procedures but may also need approval by customer or authority. A signature document carries this additional approval. This document is usually paper-based, being a copy of the original document, and shall not be subject to any form of change without the stamp and signature it may require for approval.

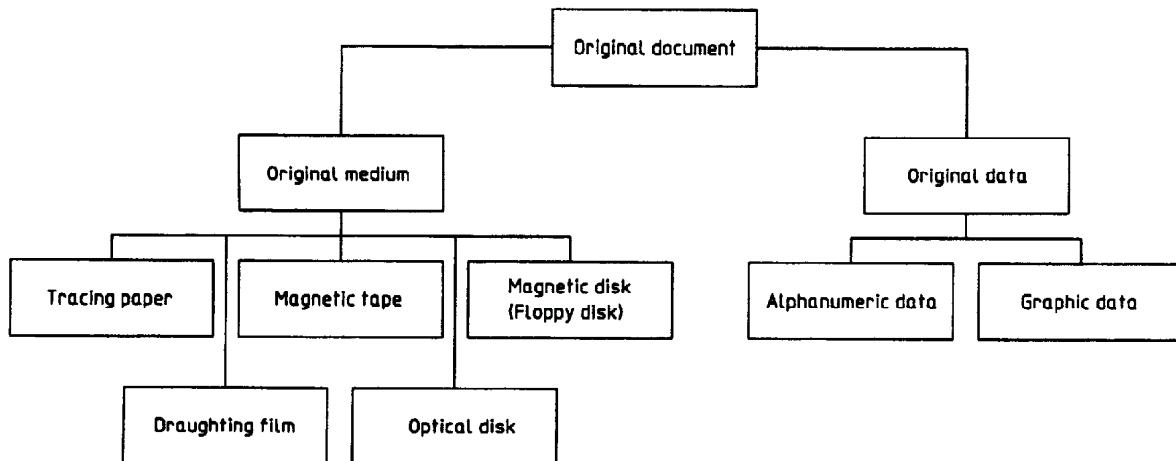


Figure 1 — Structural relationship within an original document



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