
**Technical product documentation —
Vocabulary — Terms relating to
technical drawings, product definition
and related documentation**

*Documentation technique de produits — Vocabulaire — Termes
relatifs aux dessins techniques, à la définition de produits et à la
documentation associée*



This document is a preview generated by EUS



COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 General terms.....	1
3.2 Views.....	11
3.3 Dimensions.....	17
3.4 Lines.....	18
3.5 Tolerances.....	20
3.6 Graphics.....	20
3.7 Symbology.....	21
3.8 Digital practices.....	24
3.9 Computer-related terms.....	29
3.10 Documentation.....	30
3.11 Document management.....	44
3.12 Writing and marking instruments.....	46
3.13 Design for manufacturing, assembling, disassembling and end-of-life processing.....	49
3.14 Information and instructions for use.....	49
Bibliography	55

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS F01, *Technical drawings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 10209:2012), which has been technically revised.

The main changes are as follows:

- certain terms have been added, deleted or revised;
- Annex A (deprecated terms) has been deleted.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Technical product documentation — Vocabulary — Terms relating to technical drawings, product definition and related documentation

1 Scope

This document establishes and defines terms used in technical product documentation relating to technical drawings, product definition and related documentation in all fields of application.

The terms have been classified into specific fields of application.

NOTE New terms required by ISO/TC 10 subcommittees and working groups for new or revised standards will be ratified by the ISO/TC 10 vocabulary maintenance team and included in future amendments of this document.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1 General terms

3.1.1 activity

processes, procedures or parts of them, usually related to established organization units

Note 1 to entry: The terms “process” and “procedure” are defined in ISO 9000. A detailed explanation of processes within companies is also given in ISO 9000.

3.1.2 activity matrix

matrix allocating activities to phases of the product life cycle and to a fixed organization unit

3.1.3 analysis

part of the product development process where a specification of requirements is prepared

3.1.4 ancillary system

system which is not directly required for the power plant process

Note 1 to entry: This includes heating, ventilation, air-conditioning systems, space heating systems, stationary compressed air supplies, fire protection systems, cranes, elevators, workshops and staff amenities.