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Technical product documentation (TPD) — General principles of presentation —

Part 33: Representation of views, sections and cuts in construction drawings

Documentation technique de produits (TPD) — Principes généraux de représentation —

Partie 33: Représentation des vues, des sections et des coupes dans les dessins de construction

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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.

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).

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For an explanation on 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 the following URL: www.iso.org/iso/foreword.html

This document was prepared by Technical Committee ISO/TC 10 *Technical product documentation*, SC 8 *Construction documentation*.

This first edition cancels and replaces the first edition of ISO 8048:1984, to be included in the ISO 128 series after renumbering. The revision includes the renaming of Clause 2 as normative references, an update of references in the document, an additional Clause 3 for terms and definitions and an additional bibliography.

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Technical product documentation (TPD) — General principles of presentation —

Part 33: Representation of views, sections and cuts in construction drawings

1 Scope

This document lays down general rules for marking, designation, placing and orientation of views, sections and cuts, and the position of text in relation to figures on construction drawings.

For all general rules, reference is made to the relevant parts of the ISO 128 series. As regards relative positions of views, the method using reference arrows according to ISO 128-30 is used.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 10209, *Technical product documentation — Vocabulary — Terms relating to technical drawings, product definition and related documentation*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 10209 apply.

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

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

4 Marking of views, sections and cuts

The direction of a view shall be marked with an arrow near the reference figure (see Figures 1, 5 and 6).

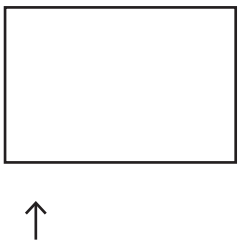


Figure 1 — Mark for direction of a view

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