Construction drawings - Spaces for drawing and for text, and title blocks on drawing sheets



EESTI STANDARDI EESSÕNA

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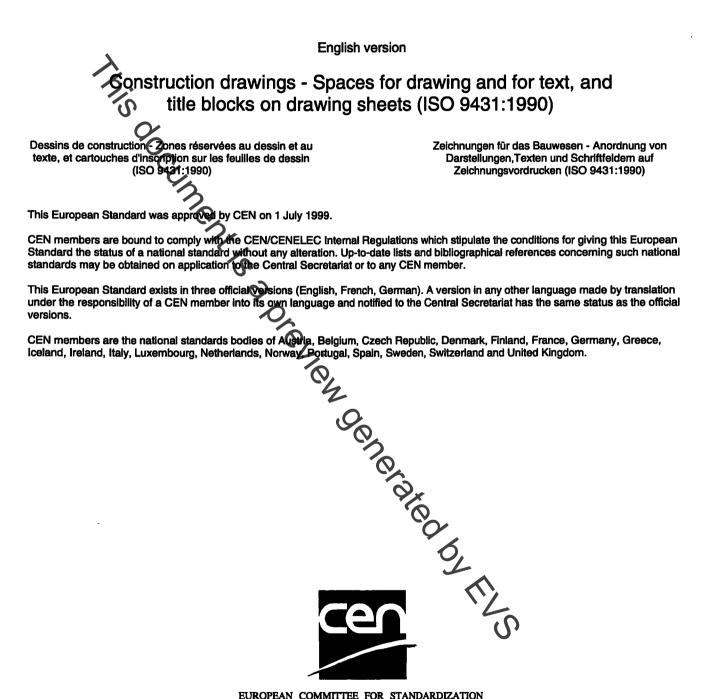
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EUROPEAN STANDARD NORME EUROPÉENNE **EUROPÄISCHE NORM**

EN ISO 9431

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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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 an European Standard by CEN/CS.

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of an identical text or by endorsement, at the latest by January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.

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

Endorsement notice

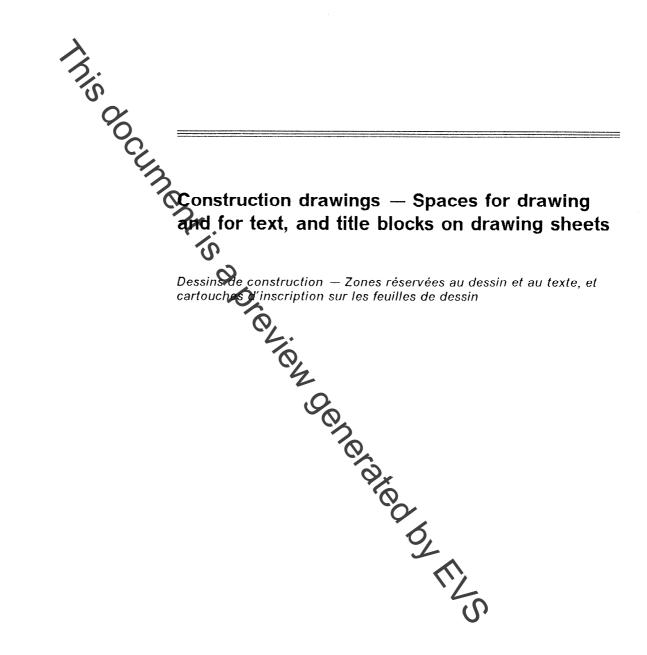
The text of the International Standard SO 9431:1990 has been approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bedies (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 Oternational 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. Oblication as an International Standard requires approval by at least 5 % of the member bodies casting a vote.

International Standard ISO 9431 was prepared by Technical Committee ISO/TC 10, Technical drawings, product definition and related documentation. Annex A of this International Standard is for information on

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International Organization for Standardization

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Construction drawings — Spaces for drawing and for text, and title blocks on drawing sheets

1 Scope

This International Standard specifies requirements concerning the placing, layout and contents of spaces for drawing and for text, and the blocks on construction drawings.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of public cation, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard 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 3098-1:1974, Technical drawings — Lettering — Part 1: Currently used characters.

ISO 7200:1984, Technical drawings – Title blocks.

3 General layout (see figure 1 and figure 2)

The space on a drawing sheet is primarily divided into

- a space for drawing (see clause 4);
- a space for text (see clause 5);
- a title block (see ISO 7200).

4 Space for drawing

The figures comprising a drawing shall be arranged in horizontal rows and vertical columns. A main figure, if one is identified as such, shall be placed at the top left of the drawing or at the top left of a group of figures. If possible, consideration shall be taken of A4-size folds of a drawing sheet when figures are drawn.

5 Space for text

5.1 General

The space for text on a drawing sheet shall contain all information necessary for the understanding of the contents of the drawing (see 5.2), except for the text which needs to be placed adjacent to the figures in the space for drawing.

The space for text shall normally be placed at the right-hand edge of the drawing sheet (see figure 1); the width of the space shall be equal to that of the title clock, i.e. maximum 170 mm, or at least 100 mp

If a figure takes up the whole width of the drawing sheet, the space for text shall be placed at the bottom edge of the drawing sheet (see figure 2); the height of the space shall be chosen as required. The space for text shall be divided into columns of appropriate width; it possible, account shall be taken of folds in a folded drawing when deciding on column width.

5.2 Information to be played in space for text

5.2.1 General

The following information is normally placed in the space for text:

- explanations (see 5.2.2);
- instructions (see 5.2.3);
- references (see 5.2.4);
- location figure (see 5.2.5);