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STANDARD

9431

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

*Dessins de construction — Zones réservées au dessin et au texte, et
cartouches d'inscription sur les feuilles de dessin*



Reference number
ISO 9431:1990(E)

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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.

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 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 only.

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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 title 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 publication, 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 block, i.e. maximum 170 mm, or at least 100 mm.

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; if possible, account shall be taken of folds in a folded drawing when deciding on column width.

5.2 Information to be placed 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);