



JAPANESE
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STANDARD

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JIS B 0011-3 : 1998

(ISO 6412-3 : 1993)

**Technical drawings—Simplified
representation of pipelines—
Part 3 : Terminal features of
ventilation and drainage systems**

ICS 01.100.01; 23.040.01

Descriptors : pipelines, pipework systems, technical drawing, ventilation, drainage, drawings

Reference number : JIS B 0011-3 : 1998 (E)

B 0011-3 : 1998 (ISO 6412-3 : 1993)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS Z 8205 : 1995** is revised and replaced with **JIS B 0011-1 : 1998**, **JIS B 0011-2 : 1998** and **JIS B 0011-3 : 1998**.

JIS B 0011 consists of the following parts, under the general title *Technical drawings—Simplified representation of pipelines*:

Part 1 : *General rules and orthogonal representation*

Part 2 : *Isometric representation*

Part 3 : *Terminal features of ventilation and drainage systems*

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In the event of any doubts arising as to the contents,
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Technical drawings—Simplified representation of pipelines— Part 3 : Terminal features of ventilation and drainage systems

Introduction This part of Japanese Industrial Standard **B 0011** has been prepared based on the first edition issued in 1993 of “**ISO 6412-3, Technical drawings —Simplified representation of pipelines—Part 3 : Terminal features of ventilation and drainage systems**” without changing the technical contents.

The description underlined with a dotted line in this part is not included in the original International Standard.

The principal of drawing practice is to depict an object to scale using lines. In simplified representations only essential features are shown, preferably in outline form (in order to save time and effort). The degree of simplification depends on the type of object represented, the scale of the drawing and the purpose of the documentation.

1 Scope This part of **JIS B 0011** specifies simplified representations used in technical drawings for terminal features of ventilation and drains in pipeline systems.

2 Normative references The following standards contain provisions which, through reference in this text, constitute provisions of this part of **JIS B 0011**. For these normative references, the most recent editions (including amendment) shall apply.

JIS Z 8315 *Technical drawings—Projection methods*

Remarks The provisions cited from **ISO 5456-2 : 1996, Technical drawings—Projection methods—Part 2 : Orthographic representations** are equivalent to the relevant provisions in the said standard.

JIS B 0011-1 *Technical drawings—Simplified representation of pipelines—Part 1 : General rules and orthogonal representation*

Remarks The said standard is identical to **ISO 6412-1 : 1989, Technical drawings—Simplified representation of pipelines—Part 1 : General rules and orthogonal representation**.

3 Design and representation The simplified representations shown in 4 may be combined with graphical symbols, e.g. for actuators or pipes. General principles and additional graphical symbols are given in **JIS B 0011 – 1**.

4 Simplified representation See Table 1. The terminal features listed under No. 1 to NO. 9 are each shown in two orthographic projection views [1.1, 2.1, 3.1 etc. are views from the front and 1.2, 2.2, 3.2 etc. are views from above (see **JIS Z 8315**)].

The terminal feature listed under No. 10 applies to directional vanes in ducts. That in 10.1. shows a bent duct with two vanes and those in 10.2 show T-junction ducts with single vanes in opposing directions.