

JIS

JAPANESE INDUSTRIAL STANDARD

Symbols for Piping Drawings of Chemical Plants

JIS Z 8209—1988

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In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Symbols for Piping Drawings of Chemical Plants

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1. Scope

This Japanese Industrial Standard specifies the drawings of piping drawings of chemical plants and symbols to be used therein.

2. Definitions

For the purposes of this Standard, the following definitions apply, and others are in accordance with JIS Z 8114.

- (1) hidden pipes Pippings of the parts which are hidden by appliances, frames and others in the piping drawings.
- (2) trace pippings The generic term of a piping which is heated by using the heating media of steam, warm water and the like for preventing the increase of viscosity or solidification of the liquid in pipes, hereinafter referred to as the "traced pipe", and the piping for heating media which has been held by that piping, hereinafter referred to as the "trace pipe".
- (3) overlapped pipes In the case where pipes have been viewed along a plane including pippings which are in parallel, the plural number of pippings which are invisible other than the pipe of this side or hard to be seen.

3. Drawing of Piping Drawings

3.1 The projection method shall be an orthographic projection or isometric projection.

Remark: When an isometric drawing is described by an isometric projection, where the inscription of the graphical symbol in an actual length is difficult, the lengths on respective co-ordinates are not necessarily be actual lengths, with considering the sizes of pipe diameter and drawing.

3.2 Symbols for piping drawings indicating the pipes and other piping parts shall be as given in 4.

Applicable Standards:

JIS Z 8114-Glossary of Drawing Terms

JIS Z 8204-Instrumentation Symbols

JIS Z 8205-Graphical Symbols for Piping