

JIS

JAPANESE INDUSTRIAL STANDARD

Identification Marking
for Piping Systems

JIS Z 9102-1987

Translation without guarantee
In the event of any doubt arising, the original
standard in Japanese is to be evidence

Translated
by
Japanese Standards Association

1. Scope

This Japanese Industrial Standard specifies the general matters governing the identification marking on piping systems for the purposes of effecting safety including prevention of erroneous operation of valves in piping systems and of improving the handling practices of piping systems in factories, mines, schools, theaters, marine vessels, vehicles, aerial safety equipment, etc.

2. Definitions

The meaning of the principal terms used in this standard shall be as follows:

- (1) identification colour The colour painted for distinguishing from outside the kind of material contained in the pipe.
- (2) material marking The marking for showing the kind and name of the material in the pipe.
- (3) state marking The marking for showing the state of the material in the pipe.
- (4) safety marking The marking by means of safety colours (safety colours specified in JIS Z 9101, hereinafter referred to as the "safety colours"), painted on the pipe for promoting safety. The generic term of the following three markings.
 - (a) danger marking The marking showing that the material contained in the pipe is dangerous.
 - (b) extinguisher marking The marking denoting that the material in the pipe can be used for fire extinguishing.
 - (c) radioactivity marking The marking denoting that the material in the pipe is the dangerous article having radioactivity.

3. Identification Marking

- 3.1 Material Marking The material marking shall be as follows:

Applicable Standards:

JIS Z 8102-Names of Non-Luminous Object Colours

JIS Z 8721-Specification of Colours According to their Three Attributes

JIS Z 8722-Methods of Measurement for Colour of Reflecting or Transmitting Objects

JIS Z 9101-General Code of Safety Colour

JIS Z 9103-Safety Signs