

# JIS

JAPANESE INDUSTRIAL STANDARD

Signs of Mine Safety

JISM 7001-1989

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Translated

by

Japanese Standards Association

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## 1. Scope

This Japanese Industrial Standard specifies signs of mine safety (hereafter referred to as the "signs") to be displayed in mine, out mine, etc., for securing mine safety.

Remarks: Specifications concerning the material, performance and test of signs, according to working and structural system of respective signs, shall be in accordance with JIS Z 9100, JIS Z 9105, JIS Z 9107, JIS Z 9108, JIS Z 9109, and JIS Z 9117.

## 2. Classification of Signs

Signs shall be classified as follows:

- (1) Fire prevention sign
- (2) Prohibition sign
- (3) Explosives and blasting sign
- (4) Danger sign
- (5) Caution sign
- (6) Electric-shock caution sign

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### Applicable Standards:

- JIS Z 9100-Phosphorescent Safety Sign Boards
- JIS Z 9101-General Code of Safety Colours
- JIS Z 9103-Safety Signs
- JIS Z 9105-Retroreflective Safety Signs
- JIS Z 9106-General Code of Fluorescent Safety Colour
- JIS Z 9107-Safety Sign Boards
- JIS Z 9108-Fluorescent Safety Signs
- JIS Z 9109-Lantern-Type Safety Signs
- JIS Z 9117-Retroreflective Sheeting and Tape for Safety

### Reference Standard:

- JIS Z 9104-General Rules of Coloured Light for Safety

- (7) Induction sign
- (8) Radioactivity sign
- (9) Other signs

### 3. Types of Signs

Types of signs shall be classified according to uses as follows:

- (1) Stationary sign
- (2) Portable sign

### 4. Designations and Working and Structural Systems of Signs

The designations and working and structural systems of signs shall be as given in Table.

Table. Working and Structural Systems of Signs

Designation of sign	Working and structural system	Remark
Class 1 sign	Ordinary working	Metal plate, synthetic resin plate, etc. (hereafter referred to as the "base plate") worked according to JIS Z 9107, as appropriate.
Class 2 sign	Fluorescent working	The base plate worked according to JIS Z 9108, as appropriate.
Class 3 sign	Reflection working	The base plate worked according to JIS Z 9105, as appropriate.
Class 4 sign	Phosphorescence working	The base plate worked according to JIS Z 9100, as appropriate.
Class 5 sign <sup>(1)</sup>	Internal lighting structure	The sign applied with JIS Z 9109.

Note <sup>(1)</sup> This sign must not be used in the place having danger of explosion.

### 5. Dimensions

5.1 Stationary Signs Dimensions (length x width) of stationary signs shall be as given in Attached Table 1.

5.2 Portable Signs Dimensions (length x width) of portable signs shall be, as a rule, not less than 240 mm x 75 mm and in order to be convenient for display at required place, a hole of 4 mm in diameter may be drilled at middle upper part of signs (Refer to Attached Table 2).