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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 25517.2-2010

**Mining machinery -- Safety signs -- Part 2: Symbols for hazard
pictorial**

矿山机械 安全标志 第2部分：危险图示符号

(English Translation)

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Appendix A (informative) describes the danger illustrated example

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Foreword

This standard Chapters 3 and 4 are mandatory, the rest are recommended.

GB 25517 "Mining Machinery safety signs" is divided into two parts.

--- Part 1. General;

--- Part 2. Dangerous graphic symbols.

This section is GB 25517 "Mining Machinery safety signs," Part 2.

This part of the Annex A, Annex B and Annex C is informative appendix.

This part is proposed by China Machinery Industry Federation.

This part of the National Mining Machinery Standardization Technical Committee (SAC/TC88) centralized.

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1 Scope

This section outlines the GB 25517 Safety signs in hazardous mining machinery graphic symbols (hereinafter referred to as hazard pictorials) and design principles Guidelines, the provisions of the constituent elements of danger graphic icon painting.

This section applies to the design of mining machinery safety signs illustrated dangerous shown.

2 Normative references

The following documents contain provisions which, through reference in this section GB 25517, constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 25517.1-2010 mining machinery safety signs - Part 1. General

3.1 Classification

Hazard pictorials divided into descriptive icons and avoid the risk of danger illustrated. Description hazard pictorials danger to prompt a figurative description, He said not avoid the consequences of danger; avoid danger icon to indicate how to avoid dangerous figurative description.

3.2 Size, color

3.2.1

hazard pictorials should be consistent with GB 25517.1-2010 provisions on safety signs dimension, dangerous shown in the specification can be used Set the size of the actual situation, but should be shown clearly enough discernible danger.

3.2.2

When dangerous graphic symbols used in the graphic or two-schema safety signs, to be able to describe hazard pictorials into three perimeter security alert Angled inside.

Color 3.2.3 specification are illustrated according to the actual dangerous circumstances, but should be sufficiently clear and legible hazard pictorials.

Drawing Principles 3.3 dangerous shown

3.3.1 Use a solid graphical representation of the human body graphic elements or complete, but in perfect illustration purposes, a description of which must be present when not directly related to risk factors or human body, you can use the contour of the graphic.

3.3.2 hazard pictorials should be used to visualize the graphics, try to avoid using abstract symbols.

3.3.3 danger graphic symbols shall be easy to identify the direction of view (typically a front view or side view) to describe the main risk object.

3.3.4 Use simple solid graphics to indicate dangerous machine parts, in order to facilitate human pattern recognition, machine or in a crisis Specific parts of the machine or the relevant parts of the machine danger zone, use the contour graphics.

3.3.5 When more than one danger coexist and design should be consistent with GB danger illustrated in the graphic area 25517.1-2010 on multiple risk factors Regulation set. If not possible to list more than one hazard in a diagram, you can use GB 25517.1-2010 basic safety alert symbol to describe Said the danger and avoid the danger zone icon or text area of safety signs, supplemented icon or text message clear description hazard information and/or Avoid dangerous information.

3.3.6 Use the arrow indicates the actual or potential need sports areas. Use the arrow shall comply with the provisions of 4.6.

3.3.7 should not use red blood.

4.1 Human graphics

4.1.1

The basic components of the human body graphic Drawing the human figure accurately Unit dimensions shown in Figure 1.

1 body consisting essentially Graphics

4.1.2 Human graphic animation

FIG. 1 through joint point, depicts the body's various actions or movements. Each cell size remains the same, FIG. 2 shows the respective positions

Body graphics, illustration to be set in position is typically determined by the following graphic.

- The nature of risk;
- Dangerous direction or position;
- Motion or position of danger caused;
- Damage arising form dangerous;
- Running on the device involved in the movement and position.

Figure 2 body pattern each position

4.1.3 Body contour lines

If more than one body in a single graphical illustration, not directly at risk who can line drawing, so you can make Outlook Police's attention focused on the potentially hazardous location on the body graphics, line graphics depicting the human body can be used for.

--- Only that people not directly in danger position;

--- Use only when shown with bold graphic compositions produced by the body more easily understood and better transfer of information.

4.1.4 Static freestanding body graphics (front or rear view)

When people describe static free-standing, not using 4.1.1 standard icon to depict the human body graphics, and 3 to form Description for as a hedge against the risk of a graphical illustration of the human body.

Figure 3 still free-standing body graphics

4.1.5 Side of the head

When it comes to the risk of head should be used to the left or right side of the head (see Figure 4). Side of the head can also be used for the entire head

Figure portion or the entire upper torso.

4 side of the head

4.2 an upper torso

When it comes to the risk of arm, hand or head should be used to represent the upper torso. In most cases, the upper torso will appear to be side, and instead of using the front side of the head or round head. When in a side position to describe the upper torso can effectively express dangerous Direction. Description of danger if the hand or hands will help visual performance, they can be added to the figure.

4.3.1 Depicts manpower and fingers

FIG. 5 to describe the shape and form of the palm. In full view of the palm, fingers and thumb do not move to another location. In the Other Hand

Full view, the finger can be separated.

Full view of palm 5

4.3.2 Handle graphics added to the body

When the danger involved in the hand or arm, the handle was added to the body drawing, it will increase the ability to identify physical features. Graphics can be animated by the hand

Figure 6 is rotated at different angles through the wrist joint. In order to maintain the unity of design, when it comes to the risk of an arm, the arms should draw

Started (when the arms were represented when).