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

GB/T 25195.1-2010

Cranes -- Graphic symbols -- Part 1: General

起重机 图形符号 第1部分：总则

(English Translation)

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Foreword

GB/T 25195 "Cranes graphic symbol" is divided into five sections.

- Part 1. General;
- Part 2. Mobile cranes;
- Part 3. Tower cranes;
- Part 4. jib cranes;
- Part 5. Bridge and gantry cranes.

This section GB/T 25195 Part 1.

This part identical with ISO 7296-1:1991 "Cranes graphical symbols - Part 1. General" (in English), including its amendments ISO 7296-1:1991/Amd.1.1996.

This section is equivalent translation ISO 7296-1:1991.

For ease of use, this section made the following editorial changes.

- The term "this part of ISO 7296" with the words "GB/T 25195 in this section";
- Remove the ISO 7296-1:1991 Foreword;
- The ISO 7296-1:1991 in the 1.1 and 1.2 respectively rewritten Chapters 1 and 2 of this Part, the following sections to do with numbers Corresponding extended;
- In Chapters 3 and 4 in the supplementary table numbers in Tables 1 to 5;
- The amendments have been incorporated into the body and they are involved in terms of the margin by a vertical double identity;
- Increased Chinese index.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee crane (SAC/TC227) centralized.

This section is drafted. Beijing Materials Handling Research Institute.

1 Scope

This section GB/T 25195 specifies the general graphical symbols for crane control (Chapter 3) and the control buttons and signal lights Color (Chapter 4).

Graphic symbols are listed in the following sub-group, given by 3.1, 3.2 and 3.3.

--- 3.1 for graphics and motion direction of the basic position of the switch symbols;

--- 3.2 graphical symbols for control of the driver;

--- 3.3 information graphical symbols.

Note: For GB/T 25195 in this part of the graphical symbols in line with. ISO 3461-1. 1988 "General Principles set of graphical symbols - Part 1. In the set Preparation of graphic symbols on ", ISO 4196. 1984" Graphical symbols arrow usage ", ISO 7000. 1989" used on the device icon and symbol index

Table "and IEC 417. 1973" for the graphics device symbol. " Edit the index, reviews, and a single page, as its complementary part.

2 General requirements

2.1

graphical symbol see 3.1 to 3.3.

2.2

Symbols on the controller should be a sharp contrast with the background (preferably bright control symbols control dark background).

2.3

symbols should be located next to or near the described function controller.

2.4

When you need more than one symbol (for example. "on", "off", "left", "right"), relative to the mounting position of the symbol should be consistent with the device Direction of movement, and can play a role in tips.

2.5

All symbols should be located in the driver's position at the work place for easy

identification.

2.6

Symbols indicating the direction of movement of the joystick can be specified using the joystick operation and the other symbol combinations.

Symbols can also press operations shown on the control panel at any position desired.

3 Graphical symbols for control

3.1

for graphic basic direction of movement and position of the switch symbols are shown in Table 1.

Table 1

No.	Symbol	Description
417-IEC -5022	Unidirectional movement	movement in one direction
ISO 7000-1680 A	two-way movement of the joystick control lever,	working movement in two directions
ISO 7000-0004	Clockwise rotation,	clockwise