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

GB/T 7593-2008

Replacing GB/T 7593-1987

**Powered industrial trucks -- Symbols for operator controls and
other displays**

机动工业车辆 驾驶员控制装置及其他显示装置用符号

(English Translation)

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Foreword

This standard is identical with ISO 3287:1999 "industrial motor vehicle driver control devices and other display devices with the symbol" (English Chinese Version).

This standard is equivalent translation ISO 3287:1999.

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

--- "This International Standard" be replaced by "of this standard."

--- Deleted international standards foreword.

--- ISO 3287:1999 international standard referenced in ISO 3461-1. 1988 and ISO 4196, due to the ISO 3461-1. 1988 has been IEC 80416-1:2001 in place, ISO 4196 has been ISO 80416-2:2001 in place, therefore, converted to our standards, with IEC 80416-1:2001 instead of the original standard ISO 3461-1. 1988, ISO 80416-2 replaced with ISO 4196. in Chapter 2 normative references and specific clauses in the corresponding modifications were done.

--- Original international standard 4.3 "See ISO 3461-1. 1988 10.3" to "see IEC 80416-1:2001 in Chapter 8."

--- The references cited in ISO 7000. 1989 with the latest version of ISO 7000:2004 instead of the IEC 417. 1973 with IEC 60417-DB instead.

--- Deleted Appendix A, an increase of Chinese index.

This standard replaces GB/T 7593-1987 "powered industrial vehicle control symbols." the main changes compared to 7593-1987 standard and GB/T as follows.

--- Increased Chapter 2, "Normative references";

--- Increased Chapter 3, "Terms and Definitions";

--- Increase the Chapter 4, "General Provisions";

--- Increased Chapter 5, "Color";

--- Delete the original standard in Chapter 3, "Cargo handling symbols Usage", Chapter 5, "relates to the operation of the other steering control symbols Usage" and Chapter 7, "or identifying information is only used to indicate the use of symbols."

--- Original standard press "Cargo handling symbols," "other operations related to the operation of control symbols" and "only used to indicate information or identified the symbol "three-part classification prescribed by this standard to control symbol" basic symbol "," brake system symbol "," cab operator no. "," driving control symbol "," engine symbol "," Electrical system symbol "," Fuel symbol "," transmission symbol "," hydraulic system Symbol "," illuminated sign "," Maintenance symbol "," load handling control symbols "second part of the classification prescribed operation control character Number and other pictorial symbols;

--- The standard total provisions symbol 235, an increase of 162 symbols than the original standard;

--- Deleted Appendix A;

--- Added "Chinese index" and "English index." the standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee Vehicle (SAC/TC332) centralized.

1 Scope

This standard specifies the symbols on the display device and other devices powered industrial vehicle driver controlled use.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

IEC 80416-1:2001 Basic principles for graphical symbols for equipment - Part 1. Initial symbol of the establishment
ISO 80416-2 Basic principles for graphical symbols for equipment - Part 2. Form and use of arrows

3 Terms and Definitions

The following terms and definitions apply to this standard.

Do not rely on language to transmit information, it can be visually perceived graphics.

Note: The graphics can be drawn, printed, or made by other methods.

4 General

4.1

This standard symbols shall be as shown in the following chapters bar. However, with respect to the symbol outline form represented, with the exception otherwise stated in Dissecting the actual use to fill in order to improve clarity and perception of its visual driver replication.

4.2

Because some replication and display technologies have inherent limitations, you may need to increase the width of the lines or symbols to make some minor changes move. As long as the symbol has not changed in terms of basic graphic elements, and the driver is easy to see that this change is permitted.

4.3

In order to improve the appearance of the graphical symbols and improve their perception, or to use the symbol of the equipment and coordination structure relative can the symbol line width mutandis or symbols were rounding the corner. Substantive cognitive properties as long as the graphical symbols can still guarantee Left, the graphic designer is free to make such changes. See IEC 80461-1:2001 in Chapter 8.

4.4

actual use, all the symbols should be made large enough size, easy to identify the driver. About the Symbols for size guide see IEC 80416-1. When used, the symbol of this standard

shall be as shown toward individual symbols unless otherwise stated.

4.5

Most symbols are composed using a modular approach, rational combination of different symbols and the upcoming elements constituting the new symbol.

4.6

If a symbol shows a side view of a machine or its parts, it is assumed that the machine in the symbol grid area is from right to left movement. Such as If the symbol of a machine or a part of a plan view, it is assumed that the machine in the symbol grid area is the movement from the bottom up.

4.7

controls and display symbols on the device with respect to their substrate should have good contrast. For most of the control device He said that priority should be given with deep background with light symbol. For a display device, can be deep or shallow background with a light-colored background with dark symbol symbols, see which program better visual effect. If you change the color of a symbol image (for example, by a black and white black white chart or diagram to the contrary), all symbols should make the same change.

4.8

symbols should be located in the control apparatus described or displayed on the device or in its vicinity. When a control device need to use a plurality of symbols, they are relatively Distributed in the position of the control device should be, when the control device in the direction of movement of the symbol shown in the function the symbol described it to take effect.

GB/T 7593-2008/ISO 3287:1999