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

GB 7291-1987

Replacing GB 7291-1987

**Graphical symbols for technical guidelines based on consumer
demand**

(English Translation)

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Foreword

This standard uses redrafted law revision using ISO/IEC Guide74.2004 "Graphical symbols based on consumer demand technology guide".

The Standard and ISO/IEC Guide74.2004 compared, there is a technical difference.

--- With a modified adoption of international standards of GB/T 2893.1 instead of the original international standard references ISO 3864-1;

--- With GB/T 15565 (all parts) instead of the original international standard references ISO 17724;

--- The international Organization for Standardization Chapter 4 describes the graphical symbols relating to the relevant technical committees of the graphic symbol Briefings;

--- As the standard for the recommended national standard, so removing the legislative proposals 5.2 "legislation may risk assessment procedures";

--- Since China has not established a registration system for graphical symbols, we can not guarantee the existing national standards are in line with the graphic graphical symbols Standardized symbols design requirements, thus the original international standard 5.4 "If there is a suitable symbol, the symbol should be used." the words "if there is a suitable symbol, the symbol should be used";

--- As the graphic symbols meaning is to ensure the uniqueness of the graphic symbol is a prerequisite for proper understanding, therefore the original International Standard 5.4 "in any field, the graphic symbol should be expressed only the only meaning." Read "in any field, graphic symbols should only be the only expression meaning";

--- Color because of security involving personal safety, so the original 6.1 International Standard declarative character to technical requirements. That "if the use of safety signs or graphical symbols in product safety labels, then safety color marking or labeling should be consistent with GB/T 2893.1 the relevant provisions ";

--- The Chapter 7 in Table 1 and Table 2 certain international standards with the transformed corresponding national standards in place;

--- Since China has not yet established a sound system of graphical symbols for registration and related procedures, so delete the original international standard 4.1 "should be Follow the relevant Technical Committee Program "and Chapter 9.

For ease of use, this standard also ISO/IEC Guide74.2004 made the following editorial changes.

--- "The Guide" be replaced by "of this standard." this standard replaces GB 7291-1987 "consumer-related graphical symbols - General requirements", and the main area of \u200b\u200bGB 7291-1987 Do as follows.

--- Change the standard name is "graphic symbols technical guidelines based on consumer demand";

--- In accordance with ISO/IEC Guide74.2004 has been revised again.

Appendix A of this standard is an informative annex.

This standard by the National Standardization Technical Committee graphic symbol and focal points.

This standard drafting units. China National Institute of Standardization, the machine Productivity Promotion Center, China Consumer Association.

Introduction

Poorly designed graphical symbols and the same meaning, different graphic symbols composition will affect consumer understanding. In the tourism industry booming Fair, free movement of labor and trade globalization era, if not in accordance with the relevant national standards for the design of graphical symbols, testing and standardization, Difficult for consumers to understand graphical symbols problems will become more common.

China has released the corresponding national standards, regulations at the time of the creation and standardization of graphical symbols to follow procedures.

In the field of information transfer, graphic symbols undoubtedly have outstanding advantages, such as.

- Strong visual effects;
- Able to transmit information in a compact form;
- Provides intuitive, language-independent form of transmission of information;
- Can guide the viewer to achieve the intended purpose or make the appropriate decisions.

However, the graphic symbols do not always play to their strengths. This standard aims to stimulate the design of new graphic symbol, to give full consideration to the consumer the needs. To make the sign can be rightly understood the vast majority of the target audience, it is necessary to ensure the consistency of symbolic function and higher Frequency of use, which will help increase the extent of the target audience are familiar with the symbols. Used on products or equipment will reduce the use of graphical symbols Views were manual. However, in some cases, the need for an auxiliary text in order to achieve the best results.

For the consumer, graphic symbols clearly and effectively convey the expected information is very important, especially the need to distinguish between information security (including and the non-use or misuse of security products, equipment-related information) and non-secure information. Accordingly, the recommendations of the Technical Committee to proceed with design Consumers transfer graphic information symbols, be sure to invite community participation in the design process, for example, can be used to absorb consumer representatives participate Plus the Technical Committee, to carry out research on consumer usage and so on.

Graphical symbols

Based on consumer demand Technical Guide Important note. This standard colors can not

be used for color matching. Requirements for color matching, refer to GB/T 2893.1 regulations Colorimetric and photometric properties of attributes, GB/T 2893.1 Appendix A also provides additional security reference color in the color system.

1 Scope

This standard specifies the following three types of graphical symbols for design programs.

- Public information graphical symbols;
- Safety signs and product safety labels with graphic symbols;
- Equipment and products with graphic symbols.

It said graphic symbols used in the document may have consumer use.

This standard applies to the above consumer-related design of graphical symbols, but not for road traffic signs and technical product documentation FIG.

Symbol.

Note: Graphic symbols design rules have to be specified in the relevant national standards and international standards. This standard is a summary of information relevant standards and reference documents, there Contribute to the technical committees and designers to follow "best practices" when considering the needs of the new graphical symbol.

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.

GB/T 2893.1 Graphical symbols - Safety colors and safety signs - Part 1. workplaces and public areas for safety signs set Accounting principles (GB/T 2893.1-2004, ISO 3864-1:2002, MOD) GB/T 15565 graphics (all parts) Symbol Term

3 Terms and Definitions

Terms and definitions GB/T 15565 apply to this defined standard.

4.1 Overview

Responsible for the revision and standardization of design and graphic symbols relevant national standards technical committee of the national standard involved are SAC/TC59 and SAC/TC27 and the like. The Technical Committee is responsible for the development of