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

**中华人民共和国国家标准**

GB/T 16903.1-2008

Replace GB/T 16903.1-1997, GB/T 14543-1993

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**Rules for the presentation of graphical symbols for  
use on signs—Part 1: Design principles for public  
information graphical symbols**

**标志用图形符号表示规则**

**第 1 部分：公共信息图形符号的设计原则**

(ISO 22727: 2007, Graphical symbols—Creation and design of public information  
symbols—Requirements, NEQ)

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## Foreword

GB/T 16903 is one of the series national standards of *Rules for the Presentation of Graphical Symbols*. The structure and name of this series of national standards are as follows:

a) GB/T 16900 *Rules for the Presentation of Graphical Symbols General Provisions*.

b) GB/T 16901 *Rules for the Presentation of Graphical Symbols for Use on Technical Documents* is divided into the following three parts:

——Part 1: Basic rules;

——Part 2: The computer electronic document formats specifications and its exchange requirements of graphical symbols (including the graphical symbols in reference symbol library);

——Part 3: Classification of connection points, networks and their encoding.

c) GB/T 16902 *Rules for the Presentation of Graphical Symbols for Use on Equipment* is divided into the following four parts:

——Part 1: Prototype symbol;

——Part 2: Form and use of the arrow;

——Part 3: Applications guidelines;

——Part 4: Applicable rules for the graphical symbol (icon) for use on screen and display.

d) GB/T 16903 *Rules for the Presentation of Graphical Symbols for Use on Signs* is divided into the following two parts:

——Part 1: Design principles for public information graphical symbols;

——Part 2: Test procedure.

This part is Part 1 of GB/T 16903. The consistency degree of this part and ISO 22727:2007 *Graphic Symbol Public Information Graphic Symbol Design Requirements* (in English) is non-equivalent. This part is redrafted in accordance with ISO 22727:2007.

This part substitutes GB/T 16903.1-1997 *Rules for the Presentation of Graphical Symbols for Use on Signs Part I: the Formation of Graphical Symbols* and GB/T 14543-1993 *Visual Design Principles on Graphical Symbols for Use on Signs*. This part in comparison with GB/T 16903.1—1997 and GB/T 14543-1993 has the major changes as follows:

——Adjusted the standard scope into the design of public information graphical symbols

for use on signs:

——Deleted the provisions related to signs design in the standard, for example, "Geometry" (GB/T 16903.1-1997 Chapter 3);

——The terms "Apparent Size" and "Oblique Square" (3.1 and 3.2 in GB/T 16903.1-1997) is deleted and some of the terms are adjusted according to the provisions of the latest terminology standards, such as adjusting "Graphic Symbol Elements" to "Symbol Elements" (3.1 in GB/T 14543-1993 and 3.3 in this part);

——The design template of original public information graphic symbol is modified and the design template of public information graphic symbol with negative straight bars is increased (7.1 in GB/T 14543-1993 and 7.1 and 7.2 in this part).

Annex A and Annex B are informative Annexes in this part.

This part is under jurisdiction of National Technical Committee of Standardization for Graphic Symbol (SAC/TC 59).

This part is drafted by the following units: China National Institute of Standardization, Xu Beihong Art Institute of Renmin University of China and Beijing Subway Line Company.

Main drafters of this part: Chen Yongquan, Bai Dianyi, Zhang Liang, Zou Chuanyu, An Yaoshun, Zhou Ke.

The original standard was firstly issued in 1986 (the standard No. is GB/T 7093.4-1986), while in the first amendment in 1997, the standard No. was changed to GB/T 16903.1-1997, this is the second revision.

# **Rules for the presentation of graphical symbols for use on signs**

## **Part 1: Design principles for public information graphical symbols**

### **1 Scope**

This part of GB/T 16903 specified the design principles and requirements for public information graphical symbols.

This part applies to the design of public information graphical symbols for use on signs.

This part does not apply to the design of safety signs and traffic signs.

### **2 Normative References**

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 10001 (All parts) Public information graphical symbols for use on sign

GB/T 15565 (All parts) Graphical symbols—Terms

GB/T 16900-2008 Rules for the presentation of graphical symbols - General principles

GB/T 16903.2 Rules for the presentation of graphical symbols for use on graphical signs - Part 2: Test methods (GB/T 16903.2-2008, ISO 9186: 2001, MOD)

### **3 Terms and definitions**

Terms defined in GB/T 15565 as well as the following definitions and terms can be applied to this part in GB/T 16903. For convenience, some terms in GB/T 15565 are listed as follows.

#### **3.1**

##### **Graphical symbol**

Mainly characterized by graph, and the transmission of information does not depend on the language.

[GB/T 15565.1-2008, definition 2.5]

#### **3.2**

##### **Public information graphical symbol**



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