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

GB/T 16903.2-2023

Replacing GB/T 10001.10-2014

**Rules for the presentation of graphical symbols for use on
signs - Part 2: General symbol elements for public information
graphical symbols**

标志用图形符号表示规则 第2部分：公共信息图形符号的通用符号要素

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting is required. GB/T 16903 "Rules for the Representation of Graphical Symbols for Signs" and GB/T 16900 "Rules for the Representation of Graphical Symbols", GB/T 16901 "Technical GB/T 16902 "Rules for the Representation of Graphical Symbols for Documents" and GB/T 16902 "Rules for the Representation of Graphical Symbols for Equipment" together constitute the basis of the rules for the representation of graphic symbols. Basic national standard system. This document is part 2 of GB/T 16903 "Rules for the representation of graphic symbols for signs". GB/T 16903 has published the following part.

- 1. Design principles and requirements for public information graphic symbols 1);
- 2. Common symbol elements for public information graphic symbols;
- 3. Perceptual test method 2). 1) The current number and name of this document is GB/T 16903-2021 "Rules for the representation of graphic symbols for signs - Design principles and requirements for graphic symbols for public information" It is proposed to revise and renumber GB/T 16903.1. 2) This document is proposed to be revised and renumbered as GB/T 16900.3. This document replaces GB/T 10001.10-2014 "Public Information Graphics Symbols Part

10. Common Symbol Elements" and Compared with GB/T 10001.10-2014, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) Added 19 symbol elements. droplet, plane, conversion arrow, electricity, bio-wave, atom, button, flag, hand rowing paddle, screen, camera Camera, shower head, syringe, train, tree, child, half-body human figure, half-body female human figure, side profile head;
- b) Modify 11 symbol elements. cross, light, spray beads, ticket, plug, hanger, baby bottle, stethoscope, scalpel scissors, ship, self Driving;

c) Delete 7 symbol elements. direction arrow, information symbol, side view of human figure, side view of airplane, elevator, hall, and all negate. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the National Technical Committee for Standardization of Graphic Symbols (SAC/TC59). This document was drafted by: China National Institute of Standardization, National Railway Administration, China Earthquake Disaster Prevention Center, Beijing Vision Four-Dimensional City Orientation Planning and Design Co., Ltd., Beijing Vocational College of Electronic Science and Technology. The main drafters of this document are. Zhang Liang, Bai Dianyi, Li Ke, Chen Ziding, Li Yishi, Gong Fengqi, Chen Yongquan, and Zou Chuanyu. The previous versions of this document and the documents it replaces are as follows:

---First published in.2014 as GB/T 10001.10-2014 "Public Information Graphics Symbols Part

10.Common Symbol Elements";

---This is the first revision.

Public information graphic symbols are essential visual elements in the public information guidance system, and they have the function of conveying guidance information. Only by standardizing the design and representation of graphic symbols that play a key role in conveying information can we ensure that graphic symbols are clear, eye-catching, easy to understand, and Easy to remember, achieving the purpose of accurately and quickly transmitting information. GB/T 16903 "Rules for the Representation of Graphical Symbols for Signs" is compiled to establish the design and representation rules of graphic symbols for signs. The document is intended to consist of two parts.

1.Design principles and requirements for public information graphic symbols. Aims to establish the design principles and requirements for public information graphic symbols. Based on the general principles and methods, and specifying the requirements that need to be followed, establish corresponding rules for the representation of graphic symbols.

1 Scope

GB/T 16903.2-2023 is the Chinese national standard on rules for the presentation of graphical symbols for use on signs - part 2: general symbol elements for public information graphical symbols, in the field of generalities, terminology and documentation. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 6 August 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2023. Classification: ICS 01.080.01, CCS A22. This page is

published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines the common symbol elements that constitute public information graphic symbols (hereinafter referred to as "graphic symbols") and gives the symbol elements. The name, description and usage rules are specified, and the application requirements of common symbol elements are stipulated. This document is applicable to the design of graphic symbols and can be used as a reference for the design of graphic symbols in safety signs and road traffic signs.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 15565 Terminology of Graphic Symbols

GB/T 16903 Rules for the representation of graphic symbols for signs - Design principles and requirements for graphic symbols for public information

3 Terms and definitions

The terms and definitions defined in GB/T 15565 apply to this document.

4 Common symbol elements

Table 1 defines the common symbol elements, gives the corresponding names and meanings of the symbol elements, and stipulates the usage rules.

5 Applications

5.1 The design of graphic symbols shall comply with the provisions of GB/T 16903. When selecting and drawing symbol elements, the general When a symbol element is suitable as a component of a new symbol, the corresponding symbol element should be selected from the table and placed in equal proportion according to the design requirements. Large or small use. 3) This document is proposed to be revised and renumbered as GB/T 16903.1.

5.2 According to the design requirements, the symbol elements in Table 1 can be rotated without affecting the meaning of the general symbol elements. Transfer and mirror.

5.3 When it is necessary to negate the meaning of one or more symbol elements in a graphic symbol, the "negative cross" in Table 1 should be used; To negate the meaning of all symbol elements in a graphic symbol, the "negation template" specified in GB/T 16903 should be used.

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