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

GA 480.1-2004

**Rules for testing of fire safety signs -- Part 1: General
requirements and testing methods**

消防安全标志通用技术条件 第1部分：通用要求和试验方法

(English Translation)

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Foreword

Chapters 4, 5, 7, and 8 of this part of GA 480 are mandatory, and the rest are recommended.

GA 480 "General Technical Conditions for Fire Safety Signs" is GB 13495 "Fire Safety Sign" and GB 15630 "Fire Safety Signs" the supporting standards of the requirements, the corresponding technical requirements and test methods for fire safety sign products, as a production and market Technical regulations for management.

According to the current common types of fire safety sign products, the GA 480 is divided into the following separate parts.

- Part 1. General requirements and test methods;
- Part 2. Conventional fire safety signs;
- Part 3. Light-storing fire safety signs;
- Part 4. Retroreflective fire safety signs;
- Part 5. Fluorescent fire safety signs;
- Part 6. Enamel fire safety signs;
- Part 7. Internal lighting fire safety signs;

In the process of approving the GA 480, due to the "Internal Illuminated Fire Safety Sign" originally intended to be approved as Part 5 Some of the contents of GB 17945-2000 "Fire Emergency Lights" need to be coordinated. In order to speed up the release of GA 480, we will suspend the Part of the approval work, after the relevant standards are coordinated, the remaining work is completed. In order to facilitate the use of the standard, it will be originally intended as part 6 and the "Fluorescent Fire Safety Sign" and "Enamel Fire Safety Sign" approved in Part 7 were submitted for approval as Part 5 and Part 6, pending the illuminating fire safety sign was re-approved as part 7 after completion of coordination.

The contents of each part of the GA 480 are divided by the color material characteristics of

the logo. In the actual production process, due to the difference in substrate and color material, it can produce logo products with two or more characteristics. In the process of using GA 480, all parties concerned should the applicability of the article is explored.

This part is the first part of the GA 480. It is aimed at the various types of fire safety sign products commonly available on the market in terms of geometric size, color, General requirements and test methods for brightness factor, adhesion of color materials, weather resistance, corrosion resistance, water resistance, impact resistance and flammability Law and so on.

This part is proposed by the first sub-technical committee of the National Fire Protection Standardization Technical Committee.

This part is under the jurisdiction of the first sub-technical committee of the National Fire Protection Standardization Technical Committee.

1 Scope

This part of GA 480 is a product classification, technical requirements, test methods, inspection rules, signs, packaging, and transportation of fire safety sign products.

General requirements for transmission and storage.

This section applies to various fire safety sign products that express fire safety information to the public.

2 Normative references

The terms in the following documents become the terms of this section by reference to this part of GA 480. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, an agreement is encouraged under this section.

The parties are studying whether the latest version of these documents can be used. For undated references, the latest edition applies to this section.

GB/T 1732 paint film impact resistance test method GB/T 1766-1995 Rating method for aging of paints and varnishes [neq ISO 4628. 1980 (all parts)] GB/T 1771 Determination of neutral salt spray resistance of paints and varnishes (GB/T 1771-1991, eqv ISO 7253:1984) GB/T 1865 Paint and varnish artificial weathering and artificial radiation exposure (filtered xenon arc radiation) (GB/T 1865-1997, Eqv ISO 11341:1994) GB/T 2406 Test method for burning properties of plastics - Oxygen index method (GB/T 2406-1993, neq ISO 4589:1984) GB/T 2828.1-2003 - Sampling procedures for sampling by sampling - Part 1 . Batch-to-batch inspections by Retrieving Quality of Acceptance (AQL) plan GB 2893 security color (GB 2893-2001, neq ISO 3864. 1984) GB/T 8626 flammability test method for building materials GB/T 9286 cross-cut test for paint and varnish film (GB/T 9286-1998, eqv

ISO 2409:1992) GB/T 10111 Method for random sampling using random number dice GB 13495-1992 Fire safety signs (neq ISO 6309:1987) GB/T 15239 Isolated Batch Counting Sampling Procedure and Sampling Table GA 480.3-2004 Fire safety signs - General technical conditions - Part 3. Storing fire safety signs

3 Terms and definitions

The other parts of the GA 480 are established and the following terms and definitions apply to this part of the GA 480.

Direct carrier of fire safety signs.

Provides a safe color of material.

Stickers or other film-like color materials.