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

GB 19432-2009

Replacing GB 19432.2-2004

**Safety code for inspection of large packagings for dangerous
goods**

危险货物大包装检验安全规范

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Foreword

The standard Chapter 4, Chapter 5, Section 6, Chapter 7 and Chapter 8 are mandatory, the rest are recommended. This standard replaces GB 19432.1-2004 "dangerous goods Bulk

General Safety Code for Inspection", GB 19432.2-2004 "dangerous Bulk cargo inspection and safety norms Performance tests "GB 19432.3-2004" dangerous goods Bulk Safety code for inspection use Identification. " This standard and the above three criteria modify main contents are.

--- On the part of the technical content has been modified to make technical and content standards related to the packaging of the United Nations "Recommendations on the Transport of Dangerous Goods Model Regulations "(Rev. 15) is consistent;

--- On a standard text format according to GB/T 1.1-2000 made editorial changes. The Standard Annexes A and B are informative appendices. This standard is managed by the National Standardization Technical Committee chemicals dangerous (SAC/TC251) and focal points. This standard is drafted by: Tianjin CIQ. Participated in the drafting of this standard. Hunan CIQ. The main drafters of this standard. Wangli Bing, Lining Tao, Feng Chi Yu, Lu Gang, Zhang Yuan, Lei Zhou. This standard replaces the standards previously issued as follows:

--- GB 19432.1-2004;

--- GB 19432.2-2004;

--- GB 19432.3-2004. Bulk Dangerous Goods Safety code for inspection

1 Scope

GB 19432-2009 is the Chinese national standard on safty code for inspection of large packagings for dangerous goods, in the field of packaging and distribution of goods. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 21 June 2009 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2010. Classification: ICS 55.020, CCS C66. 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 standard specifies the classification of dangerous goods Bulk, requirements, code and markup, testing and use of performance appraisal. This standard applies to testing and identification of dangerous goods Bulk.

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 1540 absorbent paper and cardboard assays Cobb method Determination of

GB/T 2679.7 board puncture strength

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan

GB/T 4122.1 Packaging - Terminology - Part 1. Basic

GB 19434.1 dangerous goods safety inspection IBC General specifications United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (15th revised edition)

3 Terms and Definitions

GB/T 4122.1 and GB 19434.1 and established the following terms and definitions apply to this standard.

3.1 Container from the outer container a plurality of articles or contents of the composition, and is designed for mechanical handling, its net weight exceeding 400kg Or volume of more than 450L, but not more than 3m³.

3.2 Further into the container (including Bulk and intermediate bulk containers) but not forming an integral part of its closure means comprises a tube opening Or bag.

3.3 Quality of housing and its auxiliary equipment and structural equipment plus the maximum permissible load mass (Applies to all types of large FIBC package). Category 4

4.1 Dangerous Goods Classification

4.1.1 Dangerous Goods by having danger or major risk is divided into nine categories. Some categories are subdivided into divisions. Categories and items Other numbers are not sequential order of the degree of danger.

4.1.2 Class 1. Explosives

--- 1.1. a mass explosion hazard substances and articles;

--- 1.2. There is a projection hazard but not a mass explosion hazard substances and articles;

--- 1.3. There is a fire hazard and a minor blast hazard or partial projection hazard or both have dangerous, but not a mass explosion hazard Substances and articles;

--- 1.4. present no significant hazard substances and articles;

- 1.5. a mass explosion hazard Very insensitive substances;
- 1.6. extremely insensitive articles without a mass explosion hazard.

4.1.3 Class 2. gas

- 2.1. flammable gases;
- 2.2. Non-flammable, non-toxic gases;
- 2.3. toxic gases.

4.1.4 Class 3. Flammable liquids Substance with water, emit flammable gases; flammable solids; substances liable to spontaneous combustion.

4.1.5 Class 4

- 4.1. Flammable solids, self-reactive substances; contact with water emit flammable gases;
- 4.2. Substances liable to spontaneous combustion;
- 4.3. contact with water emit flammable gases.

4.1.6 Class 5. Oxidizing substances and organic peroxides

- 5.1. oxidizing substances;
- 5.2. Organic peroxides.

4.1.7 Class 6. Toxic substances and infectious substances

- 6.1. toxic substances;
- 6.2. infectious substances.

4.1.8 Class 7. Radioactive substances.

4.1.9 Class 8. Corrosive substances.

4.1.10 Class 9. Miscellaneous dangerous substances and articles.

4.2 Classification of dangerous goods packaging Except the first 1,2,7, Class 5.2, Section 6.2 of dangerous goods, packaging and other types according to the degree of danger of a tripartite division of dangerous goods Packing species, namely. I grade packaging

- highly dangerous; II grade packaging
- medium danger; III grade packaging
- low danger. The degree of danger of various types of dangerous goods can be