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

SN/T 3206-2012

**Inspection rules for import and export dangerous chemical
products. Toxic gases. General requirements
(English Translation)**

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China, Shenzhen Entry-Exit Inspection and Quarantine of Guangxi People's Republic of China Bureau, People's Republic of China Xinjiang Entry-Exit Inspection and Quarantine Yunnan People's Republic of China.

Introduction

With the social development and technological progress, dangerous chemical species are also increasing, which covers safety regulations has become even more widespread in the country "List of Hazardous Chemicals" existing issued (State Production Safety Supervision Administration Announcement No. 1 of 2003) has more than 3800 kinds of different kinds Class of dangerous chemicals, while the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (17th edition) and "GHS Classification and Labelling "for transport of dangerous chemicals, packaging and labels and other relevant requirements, and hazardous chemical species given a clear regulation set. Toxic gases in accordance with the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" are classified as Class 2 3 dangerous goods, including Including liquefied chlorine, liquefied ammonia, phosphine, sulfur dioxide and other gases, hazardous characteristics fire, explosion, poisoning and corrosion. The State Council in 2011 March release of "dangerous chemical safety regulations" (State Council Decree 591) defined the inspection and quarantine departments are responsible for the import and export of hazardous Chemicals and their packaging implementation of the inspection. Import and export of dangerous chemicals "on the State Administration of Quality Supervision, Inspection and Quarantine February 29, 2012 released Products and their packaging inspection and regulatory issues related to notice "(No. 30, 2012 announcement) Article points out the import and export of hazardous chemicals and

packages Installed in accordance with the AQSIQ designated technical specifications, the standard requires the implementation of inspection and supervision, inspection and quarantine to ensure the effective opening of the relevant business Exhibitions and standardizing import and export of dangerous chemicals inspection procedures, the need to develop this standard.

The standard test procedures as toxic gases basic technical specifications, can guide the inspectors in accordance with the "on the import and export of hazardous chemicals and Packaging inspection and supervision issues related to notice "(No. 30, 2012 announcement) of toxic gases hazardous chemicals to implement inspection and supervision.

The basic contents of this standard to determine the standards can guide workers the right to establish a comprehensive inspection of hazardous chemicals in the study criteria Content and technical elements, so standards to systematic, scientific, applicability and operability requirements.

Inspection of import and export of dangerous chemicals the basic requirements for toxic gases Warning. Use of this standard should have relevant experience in inspection or testing. This standard does not point out all possible security asked question. Users are responsible for the use of appropriate safety and health practices and to ensure compliance with the conditions relevant national regulations.

1 Scope

This standard specifies the terms and definitions import and export of hazardous chemicals toxic gases, requirements, testing procedures, determination and disposal.

This standard applies to the import and export of hazardous chemicals toxic gas test (see Appendix toxic gases List A), does not include the use of bulk transport Transport and pipeline transportation of toxic gases.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan GB/T 6678 General Principles for Sampling Chemical Products GB/T 6681 General rules for sampling gas chemicals GB 15258 rules for preparation of chemical safety labels SN/T 0370.3 export of dangerous goods packaging inspection procedures - Part 3. Identification SN/T 1828.10 import and export of dangerous goods classification - Test methods - Part 10. toxic gases SN/T 3074.2 import and export of hazardous chemicals test specification - Part 2. Gas SN/T 3221 import of dangerous

chemicals inspection of packaging Chemicals Directory (State Administration of Work Safety Bulletin No. 1 of 2003) Dangerous Transport of Dangerous Goods Recommendations Manual of Tests and Criteria (UN) About Recommendations on the Transport of Dangerous Goods Model Regulations (UN, 17th Edition) Globally Harmonized System of Classification and Labelling (UN, 4th Edition)

3 Terms and Definitions

The following terms and definitions apply to this document.

Median lethal concentration LC50 50% lethal concentration Experimental animals within the specified time once inhaled the test substance, the concentration causing the death of half of the animals.

Toxic gases in line with the gas of the following conditions.

- Known toxic or corrosive to humans, resulting in gas hazard to health;
- LC50 values $\leq 5000 \text{ mL/m}^3$ of gas.