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

SN/T 4227-2015

**Inspection rules for import and export dangerous chemical
products. Carbon monoxide
(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 Guangxi Exit Inspection and Quarantine.

Introduction

Carbon monoxide is a colorless, odorless, non-irritating Extremely flammable gas. Solubility in water is very small, but soluble in aqueous ammonia. With air Mixed explosion limit 12.0% ~ 74.0%. Pure carbon monoxide is mainly used in the standard gas, carbon monoxide lasers, environmental monitoring and scientific research Studies in. Electronics industry for laser gas. Terminating agent used in ethylene polymerization. For the production of sodium formate, as in the metallurgical industry Reducing agent, also used in chemical synthesis, such as methanol synthesis, such as phosgene. Carbon monoxide and other major importing countries are the United States.

In accordance with the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" classified as a Class 2.3 (toxic gas) Dangerous Goods, at the same time 2.1 times the risk of having a first class (flammable gases), the United Nations No. 1016. Council and blood hemoglobin after carbon monoxide enters the body Protein binding, causes the body to suffocation. Carbon monoxide may fertility or fetal harm.

In March 2011 the State Council issued the "dangerous chemical safety regulations" (State Council Decree No. 591) provides for inspection and quarantine departments Responsible for the import and export of hazardous chemicals and their packaging implementation of

the inspection. To ensure the effective implementation of the relevant inspection and quarantine operations, standardize import and export Dangerous chemicals and packaging inspection and supervision work, the development of this standard.

Import and export of dangerous chemicals inspection of carbon monoxide Warning. Use of this standard should have the relevant inspection or testing work experience and relevant qualifications. This standard does not indicate the There are potential security issues. 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 requirements for the import and export of carbon monoxide and its packaging, testing and conformity determination and disposal.

This standard applies to the import and export of carbon monoxide and packaging inspection.

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 3723 Sampling of chemical products for industrial use General Safety GB/T 6678 General Principles for Sampling Chemical Products GB/T 6681 General rules for sampling gaseous chemical products GB 9801 Determination of carbon monoxide in air quality non-dispersive infrared method GB 15258 rules for preparation of chemical safety labels GB/T 16483-2008 MSDS content and sort items SN/T 1828.10 import and export of dangerous goods classification - Test methods - Part 10. Toxic gases SN/T 1828.12 import and export of dangerous goods classification - Test methods - Part 12. Flammable Gas SN/T 3206 import and export of dangerous chemicals inspection of the basic requirements of toxic gases SN/T 3656.2 import and export of hazardous chemicals test specification - Part 2. Gas WS/T 173 gas chromatographic method of carbon monoxide in the air of workplace List of Hazardous Chemicals (2002 Edition) About Recommendations on the Transport of Dangerous Goods Model Regulations (UNRTDG) on Transport of Dangerous Goods Manual of Tests and Criteria Recommendations Globally Harmonized System of Classification and Labelling (GHS)

3 Terms and Definitions

SN/T 3656.2 and SN/T 3206 defined the terms and definitions apply to this document.

4 Product Properties

4.1

Chinese name. Carbon monoxide.

4.2

English name. Carbonmonoxide.

4.3

CAS number. 630-08-0.

4.4

Chemical formula. CO.

4.5

Molecular Weight. 28.01.