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

SN/T 0370.3-2012

**Rules for the inspection of packaging for export dangerous
goods - Part 3: Use appraisal
(English Translation)**

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Foreword

SN/T 0370 "Rules for the inspection of packaging for export dangerous goods" includes the following three parts.

- Part 1.General specifications;
- Part 2.Performance test;
- Part 3.Use appraisal.

This Part is part 3 of SN/T 0370.

This Part is drafted according to specifications given by GB/T 1.1-2009.

This Part replaces SN/T 0370.30-2009 "Rules for the inspection of packaging for export dangerous goods - Part 3.Use appraisal"

Compared with SN/T 0370.30-2009, the main technical changes of this edition are as follows.

- Delete the contents related to danger warning of dangerous goods (see 3.1.5, 3.4, 5.5, 5.18,6.5 in 2009 edition).

The technical contents related to dangerous goods packaging in this Part are consistent with the relevant requirements in "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations" of United Nations, "Technical Instructions for the Safe Transport of Dangerous Goods by Air" of ICAO, "International maritime dangerous goods code" (2010 edition) of International Maritime Organization, and

"International railway transport dangerous goods code" (2011 edition) of European Rail Industry Association. This Part includes the relevant requirements in "European Agreement Concerning the International Carriage of Dangerous Goods by Road" (2011 edition) of Economic Commission for Europe.

This Part was proposed by and shall be under the jurisdiction of Certification and Accreditation Administration of the People's Republic of China

The drafting organization of this Part. Shandong Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China.

1 Scope

This Part of SN/T 0370 specified the appraisal requirements, sampling, appraisal content, and appraisal criterion of packaging for export dangerous goods.

This Part is applicable to use appraisal of packaging items for export dangerous goods with volume less than 450L and weight less than 400kg.

This Part is not applicable to use appraisal of packaging item with maximum operation pressure less than or equal to 100kPa, inner diameter greater than 0.15m, and volume greater than or equal to 0.025m³ for aerosol propellants, gas containers, radioactive materials and infectious materials.

2 Normative references

The articles contained in the following documents have become part of this document when they are quoted herein. For the dated documents so quoted, all the modifications (including all corrections) or revisions made thereafter shall be applicable to this document.

GB/T 2828.1 Sampling procedures for inspection by attributes - Part 1. Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

SN/T 0370.2 Rules for the inspection of packaging for export dangerous goods - Part

2 Performance test

SN/T 1027 Rules for the inspection of 1L~25L gas receptacles for export dangerous goods by sea

Recommendations on the Transportation of Dangerous Goods - Model Regulations (United Nation, Edition 17)

International Maritime Dangerous Goods Code (International Maritime Organization)

Agreement concerning the International Carriage of Dangerous Goods by Road (UN Economic Commission for Europe)

Rules concerning the International Carriage of Dangerous Goods by Railway (European Railway Transportation Center Office)

3.1.8 The net weight of a single packaging item shall not exceed the weight specified by

"Model Regulations" and the "International dangerous regulations" of corresponding transport mode.

3.1.9 Generally, dangerous liquid goods shall be contained below 98% of the container

volume. For the goods with high expansion coefficient, reserved volume of container shall be determined according to expansion coefficient.

3.1.10 Dangerous goods shall not leak on the container surface, between external

container and inner container or inner storage vessel.

3.1.11 If liquid or inert gas is adopted to protect dangerous goods, the liquid or inert gas

shall be able to ensure the safety of dangerous goods.

3.1.12 Adsorption material shall not have dangerous chemical reaction with the packaged

goods; and it can adsorb and accommodate all the dangerous goods when the inner container is fractured, so as to prevent packaged goods from leaking out of external

container.

3.1.13 Shockproof and cushion material shall not have dangerous chemical reaction with

the packaged goods and resulted in shockproof performance decrease. There shall be sufficient filling material of cushion to avoid motion of inner container.

3.1.14 Packaging users shall preserve sample for the packaging container being used; the

preserve duration is at least 6 months.

3.2.1 For the packaging container used for filling liquid, including inner packaging, it shall

be able to withstand 95kPa and above inner pressure without leakage.

3.2.2 Installation of venting hole on packaging container to decrease inner pressure

produced by gas emission of packaged dangerous goods shall be approved by aviation administration authority.

3.2.3 When combination packaging is used for packing dangerous goods, the seal of inner

container shall not be upside down. There shall have obvious marks indicating operation direction on the external packaging.

3.2.4 For self-reaction material in item 4.1 and organic peroxide in item 5.2 of "Model

Regulations", the packaging shall meet requirements of class II and above; metal container must not be used for packaging. Packaging with venting hole shall not be used for organic peroxide in item 5.2.

3.2.6 For peroxide with explosive subsidiary risk, the packaging shall meet requirements

consistent with the properties and actual use condition of the contained dangerous goods.