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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3735-2013

Test method of classification for dangerous goods. Isothermal storage

危险品分类试验方法 等温储存

(English Translation)

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Foreword

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

This standard and the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (Rev. 17) and the United Nations "Dangerous Goods Recommendations on the Transport of Tests and Criteria Handbook "(5th revised edition) of the non-equivalent, its technical content above manual Ends Full agreement on a standard text format according to GB/T 1.1-2009 made editorial changes.

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

This standard was drafted. Tianjin People's Republic of China Exit Inspection and Quarantine, Hunan People's Republic of China Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the classification of dangerous goods, such as testing temperature storage test methods.

This standard applies to the classification of dangerous goods Isothermal storage test for determining the reaction mass, material decomposition at a constant temperature with time-dependent heat Rate and determine material packed in containers for transport SADT.

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.

About Recommendations on the Transport of Dangerous Goods Model Regulations (UN, 17th Revision) Transport of Dangerous Goods Recommendations Manual of Tests and

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Criteria (UN, 5th Revised Edition)

3 Terms and Definitions

"On Recommendations on the Transport of Dangerous Goods Model Regulations", "on the Transport of Dangerous Goods Manual of Tests and Criteria Recommendations" is defined the following terms and definitions apply to this document.

Critical ambient temperature as packaged material does not show the highest temperature self-accelerating decomposition.

SADT self-acceleratingdecompositiontemperature Material mounted to occur within a transport container lowest self-accelerating decomposition temperature, that is the critical ambient temperature rounded to the next higher the 5 °C multiples.

Isothermal storage the reaction or decomposition products stored at a constant temperature.

4 Equipment and Materials

Warning. this test with a potential explosion hazard, test equipment shall comply with the relevant safety requirements.

4.1
air-insulated heat sink (aluminum block), the method of controlling the heating to keep a constant temperature.

4.2
cryostat, keeping the temperature below 40 °C.

4.3
heating controller, temperature control accuracy of ± 0.2 °C.

4.4
platinum resistance.

4.5
sample container, the volume of 70cm3, respectively, for samples containing inert substances, testing diagram shown in A.1.

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