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

SN/T 1828.1-2017

Replacing SN/T 1828.1-2006

**Test method of classification for import and export dangerous
goods - Part 1: General specifications
(English Translation)**

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Foreword

SN/T 1828 "Import and Export Dangerous Goods Classification Test Method" is divided into 17 parts.

--- Part 1. General;

--- Part 2. Civil Explosives;

--- Part 3. Oxide;

---Part 4. Corrosive substances;

---Part 5. Gas mixture;

--- Part 6. release flammable substances in contact with water;

---Part 7. Compressed gas;

---Part 8. Organic peroxides;

---Part 9. Toxic substances;

---Part 10. Toxic gases;

--- Part 11. Flammable solids;

---Part 12. Flammable gas;

---Part 13. Flammable liquids;

--- Part 14. Lithium battery pack;

---Part 15. Self-heating solids;

---Part 16. Nitrate substances;

--- Part 17. Marine pollutants.

This part is the first part of SN/T 1828.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part replaces SN/T 1828.1-2006 "Import and export dangerous goods classification test method Part 1. General rules".

The main technical changes in this section compared to SN/T 1828.1-2006 are as follows.

- Revised definitions of explosives, flammable liquids, radioactive materials, miscellaneous dangerous substances and articles in terms and definitions;
- Category 9 miscellaneous dangerous substances and articles, including "including environmentally hazardous substances";
- Adjust the test procedure and the result determination sequence in the test.

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

This section is responsible for drafting. Tianjin Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China.

1 Scope

This part of SN/T 1828 specifies the terms, definitions, classifications, requirements and tests for import and export of dangerous goods.

This section applies to the test of the dangerous characteristics of import and export of dangerous goods.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 11806 Safe Transport Procedure for Radioactive Material GB 13690 Chemical Classification and Hazard Communication General Rules United Nations "Proposal and Regulations on the Transport of Dangerous Goods" (19th revised edition)

3 Terms and definitions

GB 11806, GB 13690 and the United Nations "Proposals and Regulations on the Transport of Dangerous Goods" (19th revised edition) and the following terms and definitions apply to this document.

Explosives an explosive substance is a solid or liquid substance (or mixture of substances) that can itself generate a gas by chemical reaction, its temperature, pressure and the speed is high enough to cause damage to the surroundings, and pyrotechnic materials are

included even if no gas is emitted; pyrotechnic substances are used to generate heat, light, sound, and gas.

The effect of a smoke or a mixture of substances or substances that are combined by these effects. These effects are caused by non-explosive self-sustaining exothermic chemical reactions.

Produced; an explosive article is an article containing one or more explosive substances.

Gas gases

A substance having a vapor pressure of more than 300 kPa at 50 ° C or a completely gaseous substance at a standard pressure of 101.3 kPa at 20 ° C.

Including compressed gas, liquefied gas, dissolved gas, refrigerated liquefied gas, vapor of one or more gases and one or more other classes of materials Mixtures, gas-filled items and aerosols.

Flammable liquid flammableliquids A solution that emits flammable vapor at a temperature commonly referred to as a flash point (no more than 60 ° C in a closed cup test or no more than 65.5 ° C in a cup open test) A mixture of bodies or liquids, or a liquid containing solids in a solution or suspension.

Flammable solid flammablesolids A solid that is easily burned or can be ignited or ignited by friction.