

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

SN/T 1828.15-2016

Replacing SN/T 1828.15-2006

**Test method of classification for import and export dangerous
goods--Part 15: Self-heating solids
(English Translation)**

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and Quarantine**

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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 15th 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 1828.15-2006 "Import and export dangerous goods classification test method Part 15. Self-heating solids", and the main technical changes of SN/T 1828.15-2006 are as follows.

--- Modify 4.2 sample number "300mm³" to "not less than 2.02 x 10⁻³m³";

--- Modify the "rise" in 4.5.2 to "raise to";

--- Modify 4.5.4b) "greater than" is "not greater than".

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

This section drafted by. Tianjin Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China.

1 Scope

This part of SN/T 1828 specifies the classification test method and category determination of self-heating solid dangerous goods.

This section applies to the classification and identification test of the hazard characteristics of self-heating solid dangerous goods.

2 Normative references

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

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

Recommendation test and standard manual on the transport of dangerous goods

3 Terms and definitions

The following terms and definitions are defined in the Manual of Recommendations and Standards for the Transport of Dangerous Goods and apply to this document.

Pyrophoric substance when a small amount of material is in contact with air for less than 5 minutes, spontaneous combustion of solids and liquids occurs.

Self-heating solids

It is a solid substance other than the pyrophoric substance that can self-heat without contact with the air.

Note: This type of material is only very large (several kilograms) and will burn after a long period of time (hours or days).

4.1 Purpose of the test

This test is carried out by placing the substance in a 25 mm or 100 mm cube sample container and exposed to a temperature of 100 ° C, 120 ° C or in the air at 140 ° C, determine whether the substance will spontaneously initiate fire or spontaneous combustion.

4.2 Number of samples

A representative substance is taken from the goods to be inspected, not less than 2.02x10⁻³m³, for the hazardous property test.