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

SN/T 1828.7-2013

Replacing SN/T 1828.7-2006

**Test method of classification for import and export dangerous
goods. Part 7: Compressed gases**
(English Translation)

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Foreword

SN/T 1828 "Test Methods for import and export of dangerous goods classification" 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. water releases flammable gaseous substances;
- Part 7. compressed gases;
- Part 8. organic peroxides;
- Part 9. toxic substances;
- Part 10. toxic gas;
- Part 11. Flammable solids;
- Part 12. Flammable gases;
- Part 13. Flammable liquid;
- Part 14. lithium batteries;
- Part 15. Self-heating solid;

--- Part 16. nitrates substances;

--- Part 17. Marine Pollutant.

This section SN/T 1828 Part 7.

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

The partial replacement of SN/T 1828.7-2006 "import and export of dangerous goods classification - Test methods - Part 7. compressed gases." this section compared with the SN/T 1828.7-2006, the main technical changes are as follows.

--- This document adopts some changes into the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (Rev. 17);

--- Normative references, the references, the latest edition of the normative document;

--- Appendix A "compressed gas Figure A.1 flowchart discrimination" in Box 2 "is 50 °C vapor pressure greater than 0.3MPa? Or whether at 20 °C all gas? "To" Are 50 °C vapor pressure greater than 0.3MPa? Or whether at 20 °C, 101.3kPa when all the gaseous?. " the partial modification of the use of the United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations" (17th revised edition), within its relevant technology Exactly the same capacity with the above regulations.

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

1 Scope

SN/T 1828 provisions of this part of the compressed gas import and export of dangerous goods and the test type determination.

This section applies to a critical temperature less than or equal to test compressed gases dangerous goods import and export of hazardous properties of -50 °C.

2 Normative references

The following documents for the application of this document is essential. Any application document dated, dated version only suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

SN/T 1828.5 and export of dangerous goods classification - Test methods - Part 5. gas mixture 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 About Recommendations on the Transport of Dangerous Goods Model Regulations (UN, 17th Revision)

3 Terms and Definitions

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

Compressed gas compressed gases Completely gaseous gas when packaged under pressure for transport at -50 °C, including all gas critical temperature of less than or equal to -50 °C.

4.1 Flammability Test

Test methods in a predetermined SN/T 1828.12 of.

4.2 Toxicity Test

Test methods in a predetermined SN/T 1828.10 of.

4.3 Compressed gases discrimination

See Appendix A determination process Figure A.1.

5 Category, is determined

Under the SN/T 1828.5, the compressed gas is classified as a flammable gas 2.1, 2.2 non-flammable, non-toxic gases and toxic 2.3 Gas, which is superior to other divisions 2.3, 2.1 is better than 2.2.