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

SN/T 1731.2-2015

Replacing SN/T 1731.2-2006

**Safety performance test for pyrotechnic composition used for
export fireworks and firecrackers - Part 2: Thermal stability at
75?**

出口烟花爆竹用烟火药剂安全性能检验方法 第2部分：75℃热安定性试验
(English Translation)

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Foreword

SN/T 1731 "export fireworks with pyrotechnic safety performance test method" is divided into 10 parts.

--- Part 1. General;

Part --- Article 2. 75 °C thermal safety measurement;

--- Part 3. Determination of flashpoint;

--- Part 4. Disable restricted drugs qualitative analysis;

--- Part 5. Determination of impact sensitivity;

--- Part 6. Determination of friction sensitivity;

--- Part 7. Determination of moisture;

--- Part 8. Determination of ignition temperature;

--- Part 9. Fire sensitivity determination;

--- Part 10. static spark a sense of determination.

This section SN/T 1731 Part 2.

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

The partial replacement of SN/T 1731.2-2006 "export fireworks with pyrotechnic safety performance test methods Part 2. 75 °C Determination of thermal stability. " this section compared with the SN/T 1731.2-2006, the main technical changes are as follows.

--- On the "normative references" has been modified;

--- An increase of "75 °C thermal stability" is defined;

--- The "Test methods" of equipment and materials adjusted to "test conditions" and subjected to a supplemented, modified;

--- On the "Test Methods" related content has been modified, he added.

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

1 Scope

This section SN/T 1731 specifies the test methods for export fireworks with pyrotechnic 75 °C thermal stability assay.

This section applies to exports of fireworks with pyrotechnic thermal stability measured 75 °C.

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.

SN/T 0306.4 inspection of export fireworks Part 4. Safety Inspection

3 Terms and Definitions

The following terms and definitions apply to this document.

75 °C thermal stability thermal stability at 75 °C at a constant temperature of 75 °C, test fireworks pyrotechnic products within a certain time frame relative to the thermal stability.

4 Test Conditions

4.1

Equipment and materials are as follows.

- a) an agate mortar;
- b) hydraulic jack;
- c) the balance (precision 0.01g);
- d) 75 °C thermal stability test automatic control device;
- e) temperature probe (accuracy 1 °C, temperature range 0 °C ~ 100 °C);
- f) an inert reference material. see SN/T 0306.4;
- g) flat-bottomed glass tube. 150mm x phi2.2mm;

h) rubber stopper;

i) weighing paper.

4.2

Test conditions are as follows.

a) Temperature. see SN/T 0306.4;

b) Time. see SN/T 0306.4.

5.1 Sampling

5.1.1

In each pyrotechnic fireworks pharmaceutical formulations for testing, when the fireworks with a plurality of pharmaceutical formulations, the effect of each drug should be