

ICS 71.100.30

CCS Y88



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

GB/T 22809-2008

**Fireworks and firecracker - Rules of the inspection of safety
performance**

烟花爆竹 安全性能检测规程

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Test items

Foreword

Appendix A of this standard is an informative annex. The standard proposed by China National Light Industry Council. This standard by the National Standardization Technical Committee of fireworks. This standard was drafted. Hunan CIQ fireworks Testing Center, Liuyang City strong discharge of fireworks manufacturing Co., Ltd. The main drafters of this standard. Tanai Xi Jiang capital into, Zhang Guanghui, Liu Jinbiao, put Jiang Ming, Europe Yang, Wang Fuqiu. Fireworks safety performance test procedures

1 Scope

GB/T 22809-2008 is the Chinese national standard on fireworks and firecracker - rules of the inspection of safety performance, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2009. Classification: ICS 71.100.30, CCS Y88. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the fireworks safety testing of test items, sample preparation, test methods and evaluation of results. This standard applies to fireworks safety performance test. This standard does not apply to any of the following risk classification.

- a) in the manufacturing process of the pyrotechnic risk;
- b) the risk of illegal or improper operation caused by the operation;
- c) due to the risk of electrostatic or electromagnetic fields caused;

d) other non-specific hazards under normal transportation and storage conditions.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 6682 laboratory use specifications and test methods (GB/T 6682-2008, ISO 3696. 1987, MOD)

GB/T 8170 repair value expressed about the rules and limit values \u200b\u200band judgment

GB/T 9724 General rule for determination of pH chemical reagent

GB 10631 fireworks quality and safety GJB772A-1997 explosives testing methods Test Method for Determination of GJB1047.5 black powder Moisture Determination of QB/T 1941.5 drug absorption rate of fireworks QB/T 1941.6 fireworks flame agent sensitivity assay SN/T 0306.4-2006 exports of fireworks inspection procedures - Part 4. Safety Inspection

3 Terms and Definitions

GB 10631 and established the following terms and definitions apply to this standard.

3.1 The main oxidant and combustible mixture composition and the like, when a fire or explosion can produce light, sound, color, gas, smoke and other auditory and visual effect.

3.2 Mainly composed of aromatic hydrocarbons and other organic acid derivatives as reducing agent perchlorate as the oxidizer and other components, can produce flute and other pyrotechnic effect It should pyrotechnic.

3.3 Mainly carbon, potassium nitrate, sulfur, with or without the pyrotechnic mixture.

4 Test items

Accordance with the provisions of GB 10631, fireworks safety performance test, including product safety testing and drug safety testing. product