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Fireworks - Firecrackers

烟花爆竹 爆竹

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Table of Contents

1.Scope	1
2 Normative References	1
3.Terms and Definitions	1
4 Design	2
5.Grading and Classification	2
6.Process Quality	2
7.Safety and Quality Requirements	3
8.Test methods	5
9 Inspection Rules	6
9 Appendix C (Normative) Fireworks Defect Category	11

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China National Light Industry Council. This document is under the jurisdiction of the National Technical Committee on Standardization of Fireworks and Firecrackers (SAC/TC149). This document was drafted by: Hunan Provincial Fireworks and Firecrackers Product Safety and Quality Inspection Center, Hunan Laijichang Management Co., Ltd., and Hunan Yizhang Hong Fireworks Technology Co., Ltd., Hunan Qingtai Fireworks Manufacturing Co., Ltd., Liuyang Liuhe Export Fireworks Manufacturing Co., Ltd., Dongxin Fireworks Group Co., Ltd. The company, Yixing Wanle Fireworks and Firecrackers Co., Ltd., Zhejiang Xingyao Fireworks Co., Ltd., Hunan Kefu Fireworks Group Co., Ltd., and Wanzai County Huang Mao Guishan Fireworks Manufacturing Co., Ltd., Hunan Mingyi Fireworks Group Co., Ltd., Panda Fireworks Group Co., Ltd., Hunan Yufeng Export Co., Ltd. Fireworks and Firecrackers Co., Ltd., Shifang Qingyou Fireworks Manufacturing Co., Ltd., Liuyang Pictorial Fine Fireworks Export Manufacturing Co., Ltd., Pingxiang City Changpingli Export Fireworks Factory No. 2. The main drafters of this document are. Zhou Yehuai, Huang Chaxiang, Yan Jinliang, Zhu Yuping, Liu Donghui, Zheng Zheng, Hong Yubin, Li Qian, Liu Chunwen, and Xiao Xiangjie. Chen Juxiang, Chen Liuhui, and Hu Qiming. Fireworks and firecrackers

1 Scope

GB/T 47173-2026 is the Chinese national standard covering the firecracker as a product - the construction and the charge, the fuse and its burning time, the sound level, the requirements that stop a string firing all at once, and the packaging and marking. First edition under this number, in force since 1 June 2026, published with the pyrotechnic analysis methods revised in the same batch. It was issued on 27 February 2026 and has been in force since 1 June 2026, as a first edition. The document is under the responsibility of the China National Light Industry Council. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the design, grading and classification, process quality, safety and quality requirements, inspection rules, transportation and storage of firecrackers, and describes related aspects. The corresponding testing method. This document applies to the manufacturing and acceptance of firecracker products.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 462 Determination of moisture content in analytical samples of paper, paperboard and pulp

GB 10631 Safety and Quality of Fireworks and Firecrackers

GB/T 10632 Sampling Inspection Rules for Fireworks and Firecrackers

GB 11652 Safety Technical Regulations for Fireworks and Firecrackers Operations

GB/T 41644 Test Methods for Fireworks and Firecrackers

3 Terms and Definitions

The terms and definitions defined in GB 10631 and the following terms and definitions apply to this document.

3.1 stringofcrackers A product made by weaving or pasting multiple firecrackers into a whip (hanging or rolling), which produces a continuous popping sound when lit.

3.2 Linked connectionfuse The fuse used to connect and ignite firecrackers in the form of

firecrackers.

3.3 Yarn During the process of stringing firecrackers, use cotton yarn or hemp thread to strengthen the tension of the entire string (roll) of firecrackers.

3.4 Fixed knot The process of fixing two or more layers of firecrackers together with yarn at certain intervals is also called "fixing".

3.5 Hanging rope (ring) A suspension device used when setting off firecracker-type firecrackers.

3.6 Perforation When the product is ignited, holes (diameter less than or equal to 1.5mm) are produced in the cylinder, accompanied by the ejection of flames and sparks.