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

GB/T 47172-2026

Fireworks - Ground spinners

烟花爆竹 旋转

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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 and Hunan Liling Jili Fireworks and Firecrackers Co., Ltd. Jiangxi Wanzai County Aoyun Fireworks Art Display Co., Ltd., and Xinjiang Jiqing Fireworks and Firecrackers Chain Operation Co., Ltd. The main drafters of this document are. Yang Lin, Huang Chaxiang, Zhu Yuping, Zhang Jishui, Zhang Guangming, Zheng Zheng, Zhang Lu, Zhang Sisi, Deng Yu, and Peng Shaoqiu. Fireworks and firecrackers spinning

1 Scope

GB/T 47172-2026 is the Chinese national standard covering the ground spinner - a device that spins on the ground or on a fixing under the thrust of its own jets. The hazard is the unpredictable path when a spinner breaks free, which is what the construction requirements are aimed at. The standard fixes the classification, the construction and the pyrotechnic composition limits, the performance and the safety requirements including the effect

distances, and the marking and instructions. First edition, in force since 1 June 2026, one of the fireworks standards published together. 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, technical requirements, inspection methods, and inspection rules for rotating fireworks and firecrackers. Transportation and storage. This document applies to the manufacturing and acceptance of rotating fireworks and firecrackers.

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 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 bracket A rotatable frame (cardboard, wood, etc.) for fixing the effect cylinder.

3.2 Parts Separation During the ignition process, some parts of the product were found to be loosely installed and scatter.

3.3 Disconnection The phenomenon of breakage of the suspension wire used to hang products and act as a fulcrum.

4 Design

4.1 A design should be conducted before product manufacturing. The design should include the product level, category, structure, materials, safety requirements, combustion effects, and drug formulation. Formulas, filling quantities, etc., not limited to packaging, printing, and

labeling.

4.2 The product design should include production processes, effect descriptions, dosage tables, structural diagrams, components, etc., and a product design document (including design specifications) should be prepared. (Map).

4.3 Product design shall comply with the requirements of GB 10631.

4.4 The raw materials involved in the product design shall be specified to conform to the relevant national and industry standards or quality grades.