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

GB 26851-2026

Replacing GB 26851-2011

Audible and / or visual fire alarm signaling appliances

火灾声和/或光警报器

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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. This document replaces GB 26851-2011 "Fire Alarms and/or Light Alarms". Compared with GB 26851-2011, the main differences are in structural adjustments and editing. Aside from the logical changes, the main technical changes are as follows:

a) A chapter on "Terms and Definitions" has been added, along with the terms "fire audible and/or visual alarms," "fire audible alarms," and "fire visual alarms." "Fire alarm device", "fire sound and light alarm device" and "fire information alarm device" and their definitions (see Chapter 3);

- b) Fire alarm information devices have been added to the product application classification, while gas release alarms have been removed (see 4.1, 3.1 in the 2011 version);
- c) A classification method based on installation method has been added (see 4.3);
- d) Appearance requirements have been added (see 5.2);
- e) Increased performance requirements for key components (see 5.3);
- f) Added requirements for parameter settings (see 5.4);
- g) Added basic functional requirements (see 5.5);
- h) Added requirements for alarm signal consistency (see 5.6);
- i) Alarm signal performance requirements have been changed (see 5.7, 4.1 of the 2011 version);
- j) The requirement for signal synchronization function has been added (see 5.8);

1 Scope

GB 26851-2026 is the Chinese national standard on audible and / or visual fire alarm signaling appliances, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 27 February 2026 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 September 2027. Classification: ICS 13.220.20, CCS C81. 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 document defines the terminology and definitions for fire alarms (audible and/or visual), and specifies the classification and naming, requirements, inspection rules, marking, and use. The instruction manual describes the corresponding test methods. This document applies to the design, manufacture, and inspection of fire alarm and/or light alarm products used in industrial and civil buildings.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are listed below. 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 4208-2017 Degrees of protection provided by enclosures (IP code)

GB/T 5169.5-2020 Fire Hazard Testing of Electrical and Electronic Products - Part

5. Test Flame Needle Flame Test Method and Apparatus Validate test methods and guidelines

GB/T 9969 General Rules for Instructions for Use of Industrial Products

GB 12978 Inspection Rules for Fire Protection Electronic Products

GB/T 16838 Environmental testing methods and severity levels for fire protection electronic products

GB/T 17626.2 Electromagnetic compatibility testing and measurement techniques - Electrostatic discharge immunity test

GB/T 17626.3 Electromagnetic compatibility testing and measurement techniques - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 In an automatic fire alarm system, the control and indication equipment are installed separately. Upon receiving an activation signal from the control and indication equipment, the system... An alarm device that alerts nearby people to a fire by emitting audible and visual alarm signals or displaying text information.

Note. Hereinafter referred to as "alarms", fire sound alarms, fire light alarms, fire sound and light alarms and fire information alarms are included.

3.2 A fire alarm that can only emit a fire alarm signal.

3.3 A fire alarm that can only emit a light alarm signal.