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

GB 47369-2026

**General rules for the warning and registration marks of civil
explosives**

民用爆炸物品警示标识、登记标识通则

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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 and is under the jurisdiction of the Ministry of Public Security of the People's Republic of China. General Rules for Warning Signs and Registration Marks for Civil Explosives

1 Scope

GB 47369-2026 is the Chinese national standard covering the marks on a civil explosive - the hazard warnings and the registration identifier that ties a cartridge or a detonator to the batch, the maker and the buyer, which is what makes an explosive traceable after it has been used or stolen. A mandatory standard, first edition, in force since 1 October 2026, under the Ministry of Public Security. It was issued on 31 March 2026 and takes effect on 1 October 2026, as a first edition. 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 basic rules and technical requirements for warning signs and registration marks for civilian explosive materials. This document applies to the management of warning and registration labels for civilian explosive materials.

4 Basic Rules

4.1 The smallest counting unit and basic packaging unit of civilian explosives shall have both warning and registration labels, except in the following circumstances.

- a) No warning label is provided for the smallest counting unit of industrial detonators;
- b) When plastic detonating cords are used only as materials for detonator assembly, no warning or registration markings are required;
- c) No warning signs or registration marks are made for the mixed loading of explosives on site. The method for classifying the smallest counting unit and basic packaging unit of civil explosives shall be implemented in accordance with Appendix A.

4.2 Warning signs may be marked using colors, text, patterns, etc.

4.3 Registration markings may be made using text, numbers, or other methods. Basic packaging units should have electronic markings.

5.1 Warning signs

5.1.1 The content of warning signs includes warning colors, warning statements, and product names.

5.1.2 The minimum counting unit warning sign shall be implemented in accordance with the following requirements.

a) Warning color. The outer surface of all products should be orange-red, with the following exceptions. 1) Where there are clear provisions in national or industry standards; 2) The product casing is made of metal; 3) Explosives marked with a mark conforming to GB 190.

b) Warning label. The outer surface of all products should be marked with the words "Explosives". Explosives labels conforming to GB 190 requirements are already in place. An exception to the will.

c) Product Name. The outer surface of all types of products shall comply with the standards for civil explosive materials published or approved by the national competent authority for civil explosive materials and the public security department. Labeling of explosive materials.

5.1.3 The font size and layout of the warning label information for the smallest counting unit of different products shall meet the following requirements.

a) Industrial explosives and explosive products. 1) The font size is determined based on the dimensions of the smallest counting unit, but it must be clearly visible. 2) The labeling information should be arranged as follows: each smallest counting unit should have a label with the product name and warning message; the product name, warning message, and other information should be displayed in the same way. When writing on a single line, there should be a space between each character.

b) Firing devices of the cord type. 1) The font size is determined based on the dimensions of the smallest counting unit, but it must be clearly visible. 2) The signage information should be arranged as follows: there should be at least one complete set of warning signs every 1.0m; the product name, warning message, and other information should be

displayed in the signage area. When on the same line, there should be a space between each other.

c) The font size and layout of warning signs for other civilian explosive materials shall be based on the above-mentioned products with similar shapes.

5.1.4 The requirements for warning labels of basic packaging units are as follows:

a) The surface of the packaging shall have an explosives marking that conforms to GB 190.

b) The product name shall be displayed on the surface of the packaging in accordance with the requirements of Appendix A.

c) The packaging surface should have warning labels that meet the following requirements.

1) Warning signs for explosives and explosive products. "Keep away from fire and moisture, handle with care, and do not store with detonators." Industrial explosives also comply with... Meets the requirements of GB 28286 and GB 15563; 2) Warning signs for other civilian explosive materials. "Keep away from fire and moisture, handle with care".

5.2 Registration Mark

5.2.1 The registration mark includes the name of the production unit and production location, and the production date.

5.2.2 The registration mark of the smallest counting unit shall be implemented in accordance with the following requirements.

a) Registration marks should be present on the outer surface of all products. The registration marks on the casing of industrial detonators should comply with GA441 and GA1531. According to the regulations.

b) The production unit or production location should be marked with the name approved on the production license, using Chinese abbreviation or code.

c) Production date should be expressed in year, month, and day. Use two Arabic numerals ("00-99") to represent the last two digits of the year, and two Arabic numerals ("01-12") to represent the last two digits of the year. Arabic numerals represent January to December, and two-digit Arabic numerals "01-31" represent the 1st to the 31st. For example, April 2024. The 28th is represented by "240428".

d) The height and spacing of the characters for the name of the production unit and place of production, and the production date should be determined according to the external dimensions of the product.

5.2.3 The registration and marking requirements for basic packaging units are as follows:

a) The names of the production unit and production location should be indicated with the information approved on the production license, and the production date should comply

with the requirements of 5.2.2c). The number is determined based on the external dimensions of the basic packaging unit.

b) The electronic identification meets the following requirements. 1) Electronic labels should include at least the following information. production unit, production date, production batch number, product name, specifications, packaging specifications, and packaging details. Packaging method, net weight, quantity. 2) When using barcode or QR code labels, the label technical specifications should comply with the provisions of Appendix B, and the parameter quality level should meet the requirements. The requirements are Class C or above in GB/T 23704-2017. The printed code should be located in the upper center of the label, with white space around it. It should be less than 3mm. The label on the basic packaging unit of industrial detonators should comply with the requirements of GA441. 3) When using electronic tags, at least one tag should be attached to each basic packaging unit or batch. 4) Each basic packaging unit should have at least one electronic identifier. 5) The safety of radio frequency identification (RFI) tags for civilian explosive materials and workplaces should be assessed through risk evaluation or safety demonstration.

5.3 Implementation Methods and Requirements

5.3.1 Warning signs and registration signs shall be implemented by means of printing, inkjet printing, engraving (embossing), or affixing labels.

5.3.2 Warning signs and registration marks for civilian explosives shall be completed during the production process and shall not be applied during other stages such as transportation, storage, and sale. Implementation.

5.3.3 Warning signs and registration signs should be clear and complete.

5.3.4 Electronic labels should be affixed to locations that are not easily damaged and are easy for instruments to read. Barcode and QR code labels should be affixed to the basic packaging. There should be no dirt, damage or other defects on the two outer surfaces of the unit (adjacent or opposite directions).

5.3.5 Warning statements should be in significant contrast to the surface of the product or packaging, and registration marks should be clearly visible. GB 47369-2026. General Rules for Warning Signs and Registration Marks for Civil Explosives ICS

80 National Standards of the People's Republic of China General Rules for Warning Signs and Registration Marks for Civil Explosives Published on 2026-03-

31 Implemented on October 1, 2026 State Administration for Market Regulation The State Administration for Standardization issued a statement.