

ICS 13.340.20
CCS C73



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

GB 38305-2025

Replacing GB/T 38305-2019

Head protection - Rescue helmet

头部防护 救援头盔

Issued on: August 29, 2025

Implemented on: January 1, 2027

Issued by: Ministry of Emergency Management

Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 Classification and labeling	3
5 Technical Requirements	4
6 Test Method	7
19 Reference	22

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document replaces GB/T 38305-2019 "Head protection rescue helmets". Compared with GB/T 38305-2019, in addition to the structural adjustment Besides the editorial changes, the main technical changes are as follows:

- Added the term "chin support" and its definition (see 3.12);
- Added classification and marking (see Chapter 4);
- Changed the general requirements (see 5.1, 4.1 of the.2019 edition);
- Changed the composition structure and requirements (see 5.2, 4.2 of the.2019 edition);
- Added provisions for the structure of rescue helmets (see 5.2.1);
- Changed the requirements for components and internal dimensions and their test methods (see 5.2.2, 6.3.1.3, 4.2.1, 5.3.1.3 of the.2019 edition);
- Changed the provisions on helmet quality (see 5.2.3, 4.2.2 of the.2019 edition);
- Changed the requirements for field of view and their test methods (see 5.2.4, 6.5, 4.2.3,

1 Scope

GB 38305-2025 is the Chinese national standard on head protection - rescue helmet, 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 29 August 2025 by the Ministry of Emergency Management, and takes effect on 1 January 2027.

Classification: ICS 13.340.20, CCS C73. 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 terms and definitions of rescue helmets, stipulates their classification and marking, technical requirements, signs and instructions for use, etc. The test method is described. This document is applicable to the head protection worn in production safety, road traffic, natural disasters and other accident rescue and related activities in industrial, mining and commercial enterprises. Design, manufacture and inspection of protective equipment. This document does not apply to head protection equipment worn by firefighters during emergency rescue.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB 811-2022 Helmets for motorcycle and electric bicycle passengers

GB/T 2812-2024 General test methods for head protection

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 rescue helmetrescuehelmet Used in rescue and related activities to prevent or reduce the risk of injury from objects hitting, collision, impact, flames burning, falling (falling), etc. Protective equipment that does not cause head injuries.

Note. It is generally composed of a shell, a buffer layer, a headband, a locking device, a chin strap, etc.

3.2 shell Determine the main structure of the rescue helmet's appearance.

Note. The shell can be equipped with additional ventilation holes, top ribs and reserved

accessory interfaces.

3.3 Top reinforcement A structure used to increase the strength of the top of the shell.

3.4 buffer layer protective layer A component installed on the inner surface of the rescue helmet shell to absorb impact energy.

3.5 Wearing system retention system The device is used to adjust the size of the head circumference and maintain the stability of the rescue helmet when worn.

Note. It is generally composed of headband, locking device, lining strap, chin strap, etc.