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

GB 7956.20-2026

**Fire fighting vehicles - Part 20: Special chassis fire fighting
vehicle**

消防车 第20部分：特种底盘消防车

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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 is

Part 20 of GB 7956 "Fire Engines". GB 7956 has the following parts published.

- 1.General Technical Requirements;
- 2.Water Tanker Fire Truck;
- 3.Foam Fire Truck;
- 4.Dry Powder Fire Trucks;
- 5.Gas Fire Trucks;
- 6.Compressed Air Foam Fire Truck;
- 7.Pumped Fire Trucks;
- 8.High-Expansion Foam Fire Truck;
- 9.Water Mist Fire Truck;
- 10.Airport Fire Trucks;
- 11.Turbojet Fire Truck;
- 12.Aerial Fire Trucks;

1 Scope

GB 7956.20-2026 is the Chinese national standard on fire fighting vehicles - part 20: special chassis fire fighting vehicle, 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 28 January 2026 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 August 2027. Classification: ICS 13.220.10, CCS C84. 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 for special chassis fire trucks, specifies technical requirements, inspection rules, and packaging, transportation, and storage requirements, and describes... The corresponding experimental methods. This document applies to the design of four types of special chassis fire trucks. tunnel fire trucks, tracked fire trucks, rail fire trucks, and amphibious fire trucks. Manufacturing and inspection.

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 4094 Marking of automotive controls, indicators and signaling devices

GB/T 4208-2017 Degrees of protection provided by enclosures (IP code)

GB 4785 Installation requirements for external lighting and light signaling devices on automobiles and trailers GB 6245 Fire pumps

GB 7258-2017 Technical Conditions for Safe Operation of Motor Vehicles

GB 7956.1 Fire engines - Part

3 Terms and Definitions

The terms and definitions defined in GB 7956.1 and the following terms and definitions apply to this document.

3.1 Using a chassis with a special driving configuration or by adding a special driving mechanism to the chassis, and equipped with various fire-fighting special devices, it can operate in tunnels and forests. Fire trucks used for firefighting and rescue operations in non-road conditions such as grasslands, railways, and inland waterways.

Note. This includes tunnel fire trucks, tracked fire trucks, rail fire trucks, and amphibious fire trucks.

4 Dry Powder Fire Engines

GB 7956.6-2015 Fire engines - Part

6 Compressed air foam fire engines

GB 7956.14-2015 Fire Engines Part

14 Rescue Fire Engines

GB 7956.17-2019 Fire engines - Part

17 Smoke extraction fire engines

GB/T 12539 Test Method for Automobile Climbing Steep Hills

GB 15084 Performance and installation requirements for indirect vision devices for motor vehicles TB/T 449 Locomotive and Rolling Stock Wheel Flange Tread Shape TB/T 2081 Railway Signal Light Colors