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

GB 7956.22-2025

**Fire fighting vehicle - Part 22: Liquid extinguishing agent
supply fire fighting vehicle**

消防车 第22部分：供液消防车

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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 22 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 7956.22-2025 is the Chinese national standard on fire fighting vehicle - part 22: liquid extinguishing agent supply 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 2 December 2025 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 January 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 specifies the technical requirements, inspection rules, and packaging, transportation, and storage requirements for liquid-supply fire trucks, and describes the relevant test methods. This document applies to the design, manufacture and inspection of liquid supply fire trucks (hereinafter referred to as "liquid supply trucks").

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/T 3181-2008 Standard for Paint Film Color GB 6245 Fire pumps

GB 7956.1 Fire engines - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Mounted on a liquid supply fire truck, it mainly consists of a vehicle-mounted liquid supply pump, suction device, pipelines, and control devices, and is used to transport liquids other than water. Systems for various liquid fire extinguishing agents.

3.2 A pump installed on a liquid-supply fire truck to deliver various liquid extinguishing agents other than water.

Note. Abbreviated as "liquid supply pump".

4 Technical Requirements

4.1 Basic Requirements Liquid supply vehicles should meet the requirements of GB 7956.1.

4.2 Vehicle Requirements

4.2.1 The fuel tank capacity of the liquid supply vehicle should be sufficient to ensure that all liquid supply pumps operate continuously at rated flow and rated pressure after the vehicle has traveled 100km. The work time should be no less than 2 hours.

4.2.2 The liquid supply vehicle shall be equipped with an electronic controller for the speed of the liquid supply pump, which shall be able to stably regulate the speed of the liquid supply pump.

4.2.3 Emergency manual control devices should be installed on the valves of each automatic control system of the liquid supply vehicle.

4.2.4 For liquid supply vehicles equipped with a suction device, the operation of the suction device should not affect the normal operation of the liquid supply pump. The suction device pumps liquid into the tank. The flow rate of the liquid extinguishing agent should not be less than the sum of the rated flow rates of the supply pumps.