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

GB 7956.9-2025

Fire fighting vehicle - Part 9: Water mist fire fighting vehicle

消防车 第9部分：水雾消防车

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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 9 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 7956.9-2025 is the Chinese national standard on fire fighting vehicle - part 9: water mist 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 defines the terminology for water mist fire trucks and specifies the technical requirements, inspection rules, packaging, transportation, and storage requirements for water mist fire trucks. The question describes the corresponding experimental methods. This document applies to the design, manufacture and inspection of water mist fire trucks (hereinafter referred to as "water mist 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 4208 Degrees of protection provided by enclosures (IP code)

GB 4351 Portable fire extinguishers

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 Water mist gun A tube gun consisting of a switch valve, gun body, nozzle, etc., which uses water or foam mixture as extinguishing agent and can spray a mist of extinguishing agent.

3.2 A device that consists of a pump (set) or gas cylinder, hose reel, water mist gun, connecting pipeline, etc., and is capable of spraying water mist for fire extinguishing.

4 Technical Requirements

4.1 Basic Requirements Water mist vehicles should comply with the provisions of GB 7956.1.

4.2 Vehicle Requirements

4.2.1 Water mist fire extinguishing devices driven by independent gasoline or diesel engines should have convenient fuel filling operation, and the fuel filling port should be clearly marked. The fuel type should be clearly marked, the fuel tank should be equipped with a fuel supply switch, and the exhaust should be directed outside the vehicle during operation, with the exhaust port not facing the operator or fire truck. Right side.

4.2.2 For water mist fire extinguishing devices driven by independent power supplies, the power supply should be easily replaceable, and the power capacity should be sufficient for the water mist fire extinguishing device to operate continuously under rated conditions.