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CCS C84



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

GB 7956.5-2019

Fire fighting vehicles - Part 5: Gas fire fighting vehicle

消防车 第5部分：气体消防车

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Foreword

Chapters 4 and 6 of this part are mandatory, and the rest are recommended. GB 7956 "Fire Truck" is divided into the following parts.

- Part 1. General technical conditions;
- Part 2. Water tank fire truck;
- Part 3. Foam fire truck;
- Part 4. dry powder fire truck;
- Part 5. Gas fire truck;
- Part 6. compressed air foam fire truck;
- Part 7. Pump fire truck;
- Part 12. Raise the fire truck;
- Part 14. Rescue fire truck;
- Part 16. Lighting fire truck;
- Part 17. smoke exhaust fire truck;
- Part 23. gas fire truck; This part is Part 5 of GB 7956. This section is drafted in accordance with the rules given in GB/T 1.1-2009. This section is proposed and managed by the Ministry of Emergency Management of the People's Republic of China. Drafting units of this part. Shanghai Fire Research Institute of Emergency Management Department, Fire Rescue Bureau of Emergency Management Department, Cuilian (China) Fire Equipment Manufacturing Co., Ltd., Shanghai Golden Shield Special Vehicle Equipment Co., Ltd., Kunshan Ninghua Fire Fighting System Co., Ltd. The main drafters of this section. Zhu Xi,

Bi Ying, Wang Yi, Wang Wei, Wan Ming, Zhou Xiangyi, Liao Hong, Zhu Liqiang. Fire trucks.
Part 5. Gas fire trucks

1 Scope

GB 7956.5-2019 is the Chinese national standard on fire fighting vehicles - part 5: gas 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 31 December 2019 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2020.

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 part of GB 7956 specifies the technical requirements, test methods, inspection rules, packaging, transportation and storage of gas fire trucks. This section applies to gas fire trucks loaded with nitrogen, carbon dioxide and other fire extinguishing agents.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 150.1 Pressure vessels-Part 1. General requirements

GB/T 150.3 Pressure vessels-Part 3. Design

GB/T 150.4 Pressure vessels-Part 4. Manufacturing, inspection and acceptance

GB/T 3181 paint film color standard

GB/T 3683 Specification for steel wire braid reinforced hydraulic type for rubber hoses and hose assemblies for oil-based or water-based fluids

GB/T 5099-1994 steel seamless gas cylinder

GB 7956.1-2014 fire truck part 1. general technical requirements

GB 25972 gas fire extinguishing system and components

3 Terms and definitions

The terms and definitions defined in GB 7956.1-2014 and the following apply to this document. For ease of use, the following is repeated Certain terms and definitions in GB

7956.1-2014.

3.1 Gasfirefightingvehicle It is mainly equipped with gas fire extinguishing agent bottle and fire truck with gas as fire extinguishing agent. [GB 7956.1-2014, definition 3.1.7]

3.2 Vehicle-mounted gas fire extinguishing system Equipped on fire trucks, mainly composed of cylinders or tanks of gas extinguishing agents, gas pipelines, safety valves, pressure reducing valves, connecting hoses and injectors, etc. It is a fire extinguishing system that can decompress, release and spray compressed gas fire extinguishing agent.

3.3 Effective discharge rate The mass or volume of gas fire extinguishing agent released and sprayed by the ejector per unit time.

3.4 Minimum working pressure The minimum pressure behind the pressure reducing valve when spraying on a vehicle-mounted gas fire extinguishing system.

3.5 Maximum working pressure The maximum pressure behind the pressure reducing valve during the injection of a vehicle-mounted gas fire extinguishing system.