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

**GB 7956.23-2019**

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**Fire fighting vehicles - Part 23: Compressed air supply fire  
fighting vehicle**

消防车 第23部分：供气消防车

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### Foreword

Chapters 4 and 6 of this part are mandatory, and the rest are recommended. GB 7956 Fire Truck has or plans to release the following sections.

- 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 section is Part 23 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. This section was drafted. Shanghai Fire Research Institute of Emergency Management Department, Fire Rescue Bureau of Emergency Management Department, Mudanjiang Morita Special Vehicle Modification Co., Ltd., Hanweier Machinery (Shanghai) Co., Ltd., and Preggs Compressor (Shanghai) Co., Ltd. The main drafters of this section. Jin Yizhong, Zhang

Quanling, Tian Yongxiang, Wang Changwei, Zhu Yi, An Bing, Wan Ming, Ling Xinliang, Shen Ye, Li Honglin, Wang Haonan. Fire trucks. Part 23. Gas fire trucks

## 1 Scope

GB 7956.23-2019 is the Chinese national standard on fire fighting vehicles - part 23: compressed air 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 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.

## 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 (all parts) pressure vessels

GB/T 5099 (all parts) steel seamless gas cylinder

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

GB/T 15052-2010 General rules for crane safety signs and hazard graphic symbols

JB/T 6441-2008 Safety valve for compressor

JB/T 10683-2006 medium and high pressure reciprocating piston air compressor

## 3 Terms and definitions

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

3.1 Gas fire truck compressedairsupplyfirefightingvehicle Mainly equipped with high-pressure air compressors, high-pressure gas storage cylinders, inflatable protective boxes and other devices to inflate air respirator bottles or pneumatic tools Fire truck

providing air supply. [GB 7956.1-2014, definition 3.4.5]

3.2 Cylinder inflation time The time required for the air respirator bottle to reach its rated pressure.

3.3 Direct charge The high-pressure air compressor inflates the air respirator bottle.

3.4 Refillinginflation The high-pressure gas cylinder group inflates the air respirator bottle.

3.5 Compressed aircsupplysystem A system consisting of an air compressor, a high-pressure gas storage cylinder group, an inflatable protective box, a pipeline, and a display and control device.