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

GB 7956.17-2019

**Fire fighting vehicles - Part 17: Smoke exhaust fire fighting
vehicle**

消防车 第17部分：排烟消防车

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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 part is Part 17 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, Jetta Fire Technology (Suzhou) Co., Ltd. Co., Ltd., Shaanxi Yinhe Fire Technology Equipment Co., Ltd. The main drafters of this section. Wan Ming, Liu Jiyang, Wang Changwei, Wang Pengxiang, Han

Xiang, Yang Yan, Hu Qunming, Peng Yan, Fang Yan, Li Zonghao, Zhang Jianming and Fu Jianqiao. Fire trucks. Part 17. Exhaust fire trucks

1 Scope

GB 7956.17-2019 is the Chinese national standard on fire fighting vehicles - part 17: smoke exhaust 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 84. 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 terms and definitions, technical requirements, test methods, inspection rules, packaging, transportation and Storage. This section applies to smoke exhaust 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 1236 Performance test of standardized air duct for industrial ventilator

GB/T 4208-2017 enclosure protection level (IP code) GB 6245 fire pump

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

GB 7956.2-2014 fire truck part 2. water tank fire truck

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

GB/T 19089-2012 Determination of abrasion resistance of rubber or plastic coated fabrics Martindale method Performance test of

GB/T 19843 industrial fan jet fan

GB 50149-2010 Code for construction and acceptance of busbar installations for electrical installations JB/T 6445 Fan speed test

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 Smokeexhausterfirefightingvehicle Mainly equipped with fixed smoke exhaust air supply device for smoke exhaust and ventilation fire truck. [GB 7956.1-2014, definition 3.3.6]

3.2 Positive-pressure smoke exhaust device positive-pressuresmokeexhauster Smoke extraction equipment that transports fresh air to the disaster site to realize the functions of dispersing smoke and cooling down.

3.3 Negative-pressuresmokeexhauster Smoke extraction equipment to extract smoke from the scene of a disaster.

4 Technical requirements

4.1 Basic requirements Smoke exhaust fire truck (hereinafter referred to as smoke exhaust truck) shall meet the requirements of this part in addition to the requirements of Chapter 5 of GB 7956.1-2014.