

ICS 13.220.10

CCS 84



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

GB 7956.16-2019

Fire fighting vehicles - Part 16: Lighting fire fighting vehicle

消防车 第16部分：照明消防车

Issued on: December 31, 2019

Implemented on: July 1, 2020

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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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 the 16th part 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, Fire Rescue Bureau of Emergency Management, Sichuan Chuanxiao Co., Ltd., Nanjing De Walker Automation Co., Ltd. The main drafters of this section. Jiang Xudong, Yu Wei, Chang Song, Wan Ming, Zhu Yi, Zhang Jie, Li Ruihuan, Wang Zhihui, Teng Weili, Hu Yong, Ma Xiaoye.

Fire trucks part 16. illuminated fire trucks

1 Scope

GB 7956.16-2019 is the Chinese national standard on fire fighting vehicles - part 16: lighting 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 lighting 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 4208 enclosure protection grade (IP code)

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

GB/T 11918.1 Plugs, sockets and couplers for industrial use Part 1. General requirements

GB 26755-2011 fire-fighting mobile lighting device

GB 50149-2010 Code for construction and acceptance of busbar installations for electrical installations

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 Lighting fire fighting vehicle Mainly equipped with fixed lighting, mobile lighting and generators, fire trucks for disaster scene lighting. [GB 7956.1-2014, definition 3.3.5]

3.2 Lighting system It consists of generator (set), control cabinet, lifting device, main

lighting, auxiliary lighting, etc. Device.

3.3 Mainlight Installed on the top of the lifting device, it can be used for horizontal rotation and pitching, and is used for large area lighting.

3.4 Auxiliary light It is fixedly mounted on the lighting fire truck and can be used as the auxiliary lighting fixture during the secondary lighting of the main lighting.

4 Technical requirements

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