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ICS 13.220.10
CCS C 84

XF

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

XF/T 545.3-2025

Dynamic information management system for fire fighting vehicles - Part 3: Communication protocol for output information of fire fighting vehicle upper structure system

消防车辆动态信息管理系统 第3部分：上装系统输出信息通信协议

(English Translation)

Issued on: April 30, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Emergency Management

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https://chinastandards.org/standards/xf-t-545-3-2025

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1 Foreword

XF/T 545.3-2025 was issued by Ministry of Emergency Management on 30 April 2025 and has been in force since 1 November 2025.

It is one of 2 parts of the XF/T 545 series.

The XF/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

This standard specifies the communication protocol for the output information of the fire truck mounted system in the fire truck dynamic information management system. This standard applies to the design, development and inspection of vehicle mounted information collection in the fire truck dynamic information management system.

XF/T 545.3-2025 falls under ICS 13.220.10, in the field of environment and health

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protection, safety.

This catalogue holds 29 other XF/T standards in that field.

In this catalogue, XF/T standards carry edition years from 1999 to 2026.

3 About this standard

Issued by: Ministry of Emergency Management

English translation: about 34 pages

Chinese original: about 51,520 characters

4 Related standards

Other parts of this standard:

XF/T 545.2-2025 - Part 2: Technical requirements for management platform

Standards on related subjects:

GB 4351-2023 - Portable fire extinguishers

GA 602-2013 - Dry-powder fire-extinguishing device

GB 4066.2-2004 - Fire extinguishing media -- Part 2: ABC powder

XF 545.4-2025 - Dynamic information management system for fire fighting vehicles - Part 4: Control device for hydraulic system

XF 545.1-2025 - Dynamic information management system for fire fighting vehicles - Part 1: Vehicle-mounted device of information acquisition and transmission

5 Classification and status

International classification (ICS): 13.220.10

Chinese Standard Classification (CCS): C 84

Prefix XF/T: recommended standard.

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