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ICS 13.220.40
CCS C 80

XF

INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

XF/T 306-2025

Replacing XF 306.1-2007, XF 306.2-2007

Performance requirements and test methods for flame retardant and fire resistant electrical cables

阻燃及耐火电缆性能要求和试验方法

(English Translation)

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

Issued by: Ministry of Emergency Management

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1 Foreword

XF/T 306-2025 was issued by Ministry of Emergency Management on 30 April 2025 and has been in force since 1 November 2025.

It replaces the earlier edition XF 306.1-2007, XF 306.2-2007.

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 terms and definitions, product models and representation methods, performance requirements, test methods, marking and packaging of flame-retardant cables and fire-resistant cables. This standard applies to flame-retardant cables and fire-resistant cables used in construction projects.

XF/T 306-2025 falls under ICS 13.220.40, in the field of environment and health protection,

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safety.

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

In this catalogue, XF/T standards carry edition years from 2005 to 2026.

3 About this standard

Issued by: Ministry of Emergency Management

English translation: about 16 pages

Chinese original: about 24,234 characters

Supersedes the earlier edition XF 306.1-2007, XF 306.2-2007.

4 Related standards

Standards on related subjects:

GB 8624-2025 - Classification for burning behavior of building materials and products

GB 13495.1-2015 - Fire safety signs - Part 1: Signs

GB/T 8626-2007 - Test method of flammability for building materials

XF/T 3022-2025 - Technical specifications for inspection and identification of videos and images for fire investigation

XF/T 185-2025 - Statistical methods of direct economic losses from fires

XF/T 3014.1-2022 - Data elements for fire service - Part 1: Basic service information

5 Classification and status

International classification (ICS): 13.220.40

Chinese Standard Classification (CCS): C 80

Prefix XF/T: recommended standard.

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