

ICS 13.220.20
CCS C 82

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

GA 503-2004

Testing code for fire protection systems

建筑消防设施检测技术规程

(English Translation)

Issued on: June 9, 2004

Implemented on: October 1, 2004

Issued by: Ministry of Public Security of PRC

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Foreword

4.1 to 4.16 and 5.1 of this standard are mandatory provisions, and the rest are recommended provisions.

This standard was proposed by the Fire Department of the Ministry of Public Security.

This standard is under the jurisdiction of the Ninth Technical Committee of the National Fire Protection Standardization Committee (SAC/TC113/SC9).

This standard was drafted. Fire Department of the Ministry of Public Security, Tianjin Fire Research Institute of the Ministry of Public Security.

Introduction

Building fire protection facilities set up in accordance with relevant national laws and regulations and national engineering construction fire protection technical standards are to prevent fires from occurring and timely Effective measures to save the initial fire. In order to standardize the inspection and testing of building fire protection facilities, and ensure the normal operation of various fire protection facilities, the current national fire protection technical standards, the development of this standard. For the construction fire protection facilities not covered by this standard, the inspection and testing may refer to this standard.

Related requirements are carried out.

Technical regulations for building fire protection facilities

1 Scope

This standard specifies the technical requirements for the inspection and testing of fire protection facilities in buildings and provides methods.

This standard applies to the inspection and testing of building fire protection facilities.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study is it possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB 4717-1993 General technical conditions for fire alarm controller GB/T 4718-1996 Fire alarm equipment terminology GB 14003-1992 Technical requirements and test methods for linear beam smoke detectors GB/T 14107-1993 Basic terminology for fire protection Part II GB 15322-1994 Technical requirements and test methods for flammable gas detectors GB 15630-1995 Fire safety sign setting requirements GB 16806-1997 General technical conditions for fire-fighting linkage control equipment GB 16808-1997 Technical requirements and test methods for flammable gas alarm controllers GB 17429-1998 General technical conditions for fire display panels GB 50116-1998 Design specification for automatic fire alarm system GB 50263-1997 Specification for construction and acceptance of gas fire extinguishing systems GA 95-1995 Fire Extinguisher Repair and Retirement

3 Terms and definitions

The following terms and definitions as defined in GB/T 4718-1996 and GB/T 14107-1993 apply to this standard.

A general term for facilities such as fire alarms, fire fighting, evacuation, fire separation, fire fighting and rescue operations installed in buildings and structures.

4.1 General requirements

4.1.1

The components and equipment of each fire-fighting facility shall conform to the design and selection, and shall have a certificate of ex-factory product, and the fire-fighting product shall have compliance with the law.

Proof of market access rules. The extinguishing agent should be within the validity period.

4.1.2

The permanent nameplates and the signs of the components and equipment of each fire-fighting facility shall be complete and the symbols shall be clear.

Clear and color standards should be correct.

4.1.3

System components, equipment, pipelines, trunking, support and hangers, etc. shall be intact and free from rust. Equipment and piping shall be free of leakage, conductors and electricity.

Cable connection, insulation performance, grounding resistance, etc. should meet the design requirements.

4.1.4

Instruments and instruments used for testing shall be qualified according to the relevant provisions of the State.