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**Technical specification for inspection and testing of building
fire protection facilities**

建筑消防设施检测技术规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Institute of the Ministry of Emergency Management.

The main drafters of this document are: Liu Jiyang, Ni Zhaopeng, Kan Qiang, Zhi Huiqiang, Hong Shenglong, Zhu Huijun, Chen Bin, Huang Tao, Liu Yongmei, Zhang Wenbin and Li Liming.

Introduction

In order to standardize the inspection and testing of building fire protection facilities and ensure the normal operation of various fire protection facilities, Fire protection facilities included in this document include fire protection power supply and distribution facilities, automatic fire alarm system, fire emergency Broadcasting system, fire emergency lighting and evacuation indication system, fire water supply facilities, fire extinguishing facilities, smoke exhaust system and other fire fighting facilities, The fire extinguishing facilities include fire hydrant system, automatic sprinkler system, water spray fire extinguishing system, fine water mist fire extinguishing system, foam fire extinguishing system, Gas fire extinguishing system, dry powder fire extinguishing system, fire extinguishers, etc. Other fire-fighting facilities include fire doors, fire curtains, electric fire dampers and other fire-fighting equipment.

This document mainly stipulates the inspection content, technical requirements and inspection procedures of the above-mentioned fire protection facilities. method.

Technical specification for testing of building fire protection facilities

1 Scope

This document specifies the content and technical requirements for inspecting and testing building fire protection facilities, and provides detection methods.

This document applies to on-site inspections and functional testing of building fire protection facilities that have been put into normal use by fire protection technical service agencies.

2 Normative references

GB 4717

GB/T 5907.1

GB/T 5907.5

GB 14287.1

GB 16806

GB 16808

GB 17429

GB 17945

GB 50166

GB 50263

GB 51309

3 Terms and definitions

The terms and definitions defined in GB 4717, GB/T 5907.1, GB/T 5907.5, GB 50263 and GB 51309 and the following terms and definitions apply For use in this document.

3.1 Building fire protection facilities

A general term for facilities installed in buildings for fire alarm, fire extinguishing, smoke prevention and exhaust, personnel evacuation, fire separation, fire fighting and rescue.

4.1 Fire protection power supply and distribution facilities

The inspection contents of fire power supply and distribution facilities should include fire power distribution, generators and oil storage facilities of self-provided generator sets, main and standby power switching Function.

4.2 Automatic fire alarm system

The detection content of the automatic fire alarm system should include fire detectors, manual fire alarm buttons, fire alarm controllers, fire display