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**General technical requirements for fire monitoring and warning
systems for electrochemical energy storage stations**

电化学储能电站火灾监测预警系统通用技术要求

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

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The main drafters of this document are: Zhang Yingcong, Liu Sen, Xu Xiaoxiao, Liu Xiaopeng, Li Xiaobai, Guo Rui, Li Zhanxin, Liu Chang, Geng Xuewen, Zhong Chen, and Wang Yongyu.

Xu Lei, Shi Yisong, He Xi, Tang Liang, Chen Man, Zhang Jiaqing, Li Fei, Li Mingming, Zhu Xingguo, Qian Jun, Liu Min, Xi Haibo, Cao Zhongxin, Zhao Min, Yang Libin Lian Zhanwei, Liu Yu, Qiu Wenbo, Li Zheng, Yao Jiahong, and Li Benliang.

Fire monitoring and early warning for electrochemical energy storage power stations
System General Technical Requirements

1 Scope

This document defines the terminology for fire monitoring and early warning systems in electrochemical energy storage power stations, specifies classifications, requirements, inspection rules, and markings, and describes...

The corresponding experimental methods were developed.

This document applies to all types of fire monitoring and early warning systems (hereinafter referred to as "systems") installed and used in electrochemical energy storage power stations and energy storage devices.

The design, manufacture and inspection of equipment.

2 Normative references

GB/T 4208-2017

GB 4717-2024

GB/T 5907.5

GB/T 9969

GB 12978

GB/T 16838

GB/T 17626.2

GB/T 17626.3

GB/T 17626.4

GB/T 17626.5

GB/T 17626.6

GB/T 17626.11

GB 22134

3 Terms and Definitions

The terms and definitions defined in GB/T 5907.5 and the following terms and definitions apply to this document.

3.1

A system for fire monitoring and early warning, and equipment linkage control in electrochemical energy storage power stations.

Note. System equipment includes fire alarm control devices for electrochemical energy storage power stations, fire monitoring and alarm devices for various types of electrochemical energy storage power stations, fire detectors, and others.

Fire alarm triggering devices, combustible gas detectors, manual fire alarm buttons,