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

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**Security and resilience - Emergency management - Guidelines
for monitoring facilities with identified hazards**

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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 of Standardization Documents" drafted.

This document is modified to adopt ISO 22326.2018 Guidelines for the Monitoring of Hazardous Facilities for Emergency Management of Safety and Resilience.

There are technical differences between this document and ISO 22326.2018.

--- Deleted the scope of application of ISO 22326.2018 "Applicability depends on the operating environment, organizational complexity and disaster risk level".

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document specifies the monitoring of hazardous installations, the implementation and operation of the monitoring process.

This document applies to the monitoring of hazardous installations by organizations.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations

documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to

this document.

3 Terms and Definitions

ISO 22300 and the following terms and definitions apply to this document.

3.1

dataanalysis

A systematic investigation of relevant, queryable information obtained during monitoring and its application to actual or planned systems.

3.2

The individual or legal entity responsible for monitoring the receipt, integration, generation, analysis, transfer and output of data.

NOTE. A representative of the monitoring process or monitoring system owner, such as a subcontractor with monitoring responsibility, may be designated.

3.3

key indicator criticalindicator

A quantitative, qualitative or descriptive indicator used to evaluate a hazard under surveillance to identify events, accidents, emergencies or emergencies potential development trends.

NOTE. Key indicators provide information on the most important overall characteristics of the structural state of the facility.

3.4

facility

Plants, workshops, assets, buildings, water/land/air traffic units with a defined, quantifiably measurable function or service capability, to

and other related infrastructure or components of plants and systems.

NOTE. Facilities may have definable formal boundaries, such as legal boundaries.

4.1 Overview

Monitoring should be based on real-time, relevant and reliable hazard data to identify hazard sources that may lead to accidents at hazardous installations