

**WIDE CIRCULATION DRAFT**

**BUREAU OF INDIAN STANDARDS**  
**(DRAFT FOR COMMENTS ONLY)**

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

**ICS 03.100.01**

<b>Risk Management, Security and Resilience, Sectional Committee, MSD 17</b>	<b>Last Date for receipt of Comments is October 2024</b>
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**NATIONAL FOREWORD**

*(Formal clauses to be added later on)*

The text of the International Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.

In this adopted standard, reference appears to an International Standard for which Indian Standard also exist. The correspondence Indian standard, which is to be substituted in its place, is listed below along with degree of equivalent for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 22300, Security and resilience — Vocabulary	IS/ISO 22300: 2021, Security and Resilience - Vocabulary	Identical

Annex A, B, C and D is for Information only.

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**Note:** The technical content of the document is not available on website. For details, please refer the corresponding ISO 22326: 2018 or kindly contact:

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## **Scope**

This document gives guidelines for monitoring hazards within a facility as a part of an overall emergency management and continuity programme by establishing the process for hazard monitoring at facilities with identified hazards.

It includes recommendations on how to develop and operate systems for the purpose of monitoring facilities with identified hazards. It covers the entire process of monitoring facilities.

This document is generic and applicable to any organization. The application depends on the operating environment, the complexity of the organization and the type of identified hazards.

## **Introduction**

In recent years, there has been a growing awareness of the risks and consequences of natural and industrial disasters. Monitoring hazards can reduce potential losses through improved prevention, mitigation, preparedness and a more effective response to incidents resulting from the hazards.

Effective monitoring can provide public and private sector emergency management with ongoing, timely, accurate, easily understood relevant monitoring data to support decision-making in emergency management.

Security standards are continually evolving and improving. Advances in monitoring technology will provide opportunities for further improvement of these guidelines and for development and application of innovative monitoring solutions.

The purpose of this document is to contribute to an overall emergency management framework which seeks to reduce the risk to people, operations, property and the environment.

This document provides guidelines for the entire process of hazard monitoring at facilities with identified hazards, including planning, implementation, operation and control, and review and continual improvement. This document is applicable to all facilities with identified hazards and may be used by stakeholders and authorities responsible for safety and security, such as

- owners and operators of facilities,
- engineers, installers and contractors during facility planning, construction, and maintenance,
- public authorities responsible for emergency prevention activities and incident response,
- insurance companies and potentially affected residents,
- legislators, and — the scientific community and researchers.