

[Organization logo]

[Organization name]

Commented [45A1]: All fields in this document marked by square brackets [] must be filled in.

STANDARD OPERATING PROCEDURE FOR ENVIRONMENTAL AND PHYSICAL HAZARDS

Code:	
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Signature:	

Commented [45A2]: Adapt to the existing practice in organization.

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Commented [45A3]: This is only necessary if document is in paper form; otherwise, this table should be deleted.

[organization name]

Change history

Date	Version	Created by	Description of change
	0.1	45001Academy	Basic document outline

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1. Purpose, scope and users

The purpose of this document is to define measures of protection from identified environmental and physical hazards.

This document applies to all work activities in [organization name] where environmental and physical hazards emerge.

Users of this document are all employees of [organization name] whose work places have identified environmental and physical hazards.

2. Reference documents

- ISO 45001:2018 standard, clause 8.1
- OH&S Manual
- OH&S Policy
- OH&S Objectives
- Procedure for Addressing Risks and Opportunities and OH&S Hazards
- Procedure for Operational Control
- Procedures for Preparedness and Emergency Response
- List of Legal and Other Requirements

3. Environmental and physical hazards identification

[Job title] is obliged to identify physical hazards in all work places where those types of hazards emerge.

Typical physical hazards include, but are not limited to:

- Vibrations
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

Commented [45A4]: Person responsible for OH&S (Occupational Health & Safety).

Commented [45A5]: You can add or delete hazards; adapt list to your organization's practice.

Commented [45A6]: For example: From using inadequate vibrating tool.

Commented [45A7]:

Commented [45A8]: possible implosion.

Commented [45A9]: lacerations.

Commented [45A10]: For example: Alpha, beta, gamma rays, Bremsstrahlung, X-ray.

Commented [45A11]: Noise is one of the most common work

Commented [45A12]: For example:

Commented [45A13]:

Commented [45A14]: May cause slips and falls.

Commented [45A15]: Inhalation

[organization name]

- Working with mobile equipment
- Tripping
- Dust

- Commented [45A16]:** Such as forklifts.
- Commented [45A17]:** Such as blocked aisles or cords running across the floor.
- Commented [45A18]:** Solid particles generated by operations, such as rock, ore, metal, coal, wood, and grain.

4. Safety at work controls against environmental and physical hazards

[Job title] must implement the following controls for protection from identified physical hazards.

- Existing work structures must be stable
- Access roads should be kept clear
- Removal of equipment from the path of the end of the working life
- Floor surfaces should be uniform and
- No debris under the feet
- Top of work the side and inside should be supported by walls that
- They should not be damaged by the workers
- Working
- The work area should be marked with
- To not use a damaged structure and
- The structure should be checked after the work is finished
- The work should be checked
- The work should be checked with the worker's supervisor

- Commented [45A19]:** Person responsible for Occupational Health & Safety.
- Commented [45A20]:** Adapt list to the practice in your organization.
- Commented [45A21]:** They must support
- Commented [45A22]:** If noise level exceeds 85 Decibels, worker must have personal hearing protectors.
- Commented [45A23]:**
- Commented [45A24]:**
- Commented [45A25]:** Any redesign must be tested by authorized institutions.
- Commented [45A26]:** A way to protect against radiation,
- Commented [45A27]:** The fewer workers involved, the less potential for exposure.
- Commented [45A28]:** For example:
- Commented [45A29]:**

5. Controls for risk reducing

[Job title] must implement controls for reduction of risk of identified environmental and physical hazards, which may include, but are not limited to:

- Observation
- Work area inspection and assessment
- Risk reduction measures (such as safety barriers)
- Personal training
- Work area inspection and assessment
- Proper planning and monitoring of work
- Safety training and assessment about safety barriers
- Regular monitoring of safety barriers
- Regular monitoring of working conditions
- Regular monitoring about incidents and problems
- Regular training
- Regular monitoring of working conditions
- Regular monitoring of quality

- Commented [45A30]:** Person responsible for Occupational Health & Safety.
- Commented [45A31]:**
- Commented [45A32]:**
- Commented [45A33]:** For example: helmets, gloves, goggles, etc.
- Commented [45A34]:** For example: guardrails rather than safety harness.
- Commented [45A35]:** Workers must be familiar with emerging
- Commented [45A36]:**
- Commented [45A37]:** Records about any inspections and tests should be kept.
- Commented [45A38]:**
- Commented [45A39]:**

- Review hazard assessments periodically and when changes occur to the task, equipment, or work environment
- Review workers in hazard assessment
- **Review adequate lighting**
- Proper storage of tools/equipment
- Avoid slip/trip/fall hazards
- Appropriately designed workstations and equipment
- Adequate clearances of obstructions
- Identification of hazards

Commented [45A40]: Including angular lighting and color contrast to improve depth perception.