

(logo organization)	Methods and criteria for risk assessment (title)	PR 03 (codification)
21/02/2020 (print date)	1/3 (page x of y)	001 (revision)

Methods and criteria for risk assessment

1. Subject

1.1 Purpose

1.2 Scope

1.3 Glossary

2. Responsibility

3. Documents

3.1 Procedures

3.2 Instructions and records

3.3 Processes

4. Requirements of the ISO 45001: 2018 standard

5. Development

5.1 Risk assessment

5.2 Methods and criteria

History

All	Creation	01/01/2016
Page	Change	Date

Author / function	Verified / function	Approved / function
/	/	/

(logo organization)	Methods and criteria for risk assessment (title)	PR 03 (codification)
21/02/2020 (print date)	2/3 (page x of y)	001 (revision)

1. Subject

1.1 Purpose

The purpose of this procedure is to establish, implement and maintain methods and criteria for OH&S risk assessment.

1.2 Scope

This procedure applies to the risk assessment process. External and internal issues relevant to the OH&SMS and actions to address identified threats and improvement opportunities found are taken into account.

1.3 Glossary

OH&S – occupational health and safety

OH&SMS – occupational health and safety management system

Hazard – situation that could lead to an incident

Risk – likelihood of occurrence of a threat or an opportunity

FMEA – Failure Mode and Effects Analysis

Opportunity - positive effect of uncertainty

2. Responsibility

The OH&S manager has the authority to write and maintain this procedure. He is responsible for its application. He is supported by the director and the process owners.

3. Documents

3.1 Procedures

Responsibility and authority

OH&S risks

Legal requirements

Objectives and action plans

Process control

Hazard and risk management

Management review

3.2 Instructions and records

Level of risk

Evaluation criteria

3.3 Processes

Identify hazards and assess risks

Manage operational risk

4. Requirements of the ISO 45001: 2018 standard

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(logo organization)	Methods and criteria for risk assessment (title)	PR 03 (codification)
21/02/2020 (print date)	3/3 (page x of y)	001 (revision)

§ 6.1.2.2. Establish, implement and maintain a process for OH&S risk assessment, identification and assess risks in relation to the OH&SMS. Define methods and criteria for OH&S risk assessment. Maintain and retain documented information on risk assessment methods and criteria.

5. Development

5.1 Risk assessment

Hazards are identified and a list of risks is kept up to date, see Risk List and OH&S Risks procedure. This enables us to ensure safe and healthy working conditions.

Any risks that could disrupt the normal activities of the company and its OH&SMS are identified, analyzed and evaluated in order to be reduced as far as reasonably possible. Evaluation criteria are determined. Existing and proposed measures are applied to prevent or reduce undesirable effects, cf. Evaluation criteria.

The nature of the preventive measures is proportionate to the potential impact of the threats and opportunities.

We classify the risks of a process by level, see Level of risk. Each risk is classified in a table with the impact and likelihood of occurrence indices. The risk level can be acceptable, minor unacceptable or major unacceptable. Our goal is not zero risk (this does not exist) but to create conditions to work with an acceptable level of risk.

More details on opportunity management in the OH&S Risks procedure.

5.2 Methods and criteria

An appropriate methodology and criteria are chosen for:

- assess potential risks:
 - estimate impacts (consequences)
 - anticipate the likelihood of occurrence (frequency)
- classify risks :
 - into acceptable or unacceptable
 - that can be eliminated or controlled (turn them into acceptable)
- ensure consistency between the risk assessment and the objectives of the OH&S policy

The risk assessment process is established and maintained in a systematic manner. Documented information on the methodology and evaluation criteria is maintained and kept up to date, see Level of risk.

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