



VISION ZERO.

Zero Accidents

Healthy Workplaces

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GOOD WORK FOR GOOD LIFE
A holistic worldwide challenge

- the “classic” approach: no accidents, safe in workplaces
- Healthy work: the undervalued factor
- Wellbeing through leadership and a holistic culture

WORKHURTS





WORK MAKES YOU

SICK



Photo Credit:
MINISTRO DE INTERIORES / GOVERNMENT OF CHILE

**WORK MAY BE
LIFE OR DEATH**

How can we act?

Seven rules for safe workplaces!

How can we guide?

Healthy work with healthy workplaces and a balance between individuality and responsibility!

How can we participate?

A plea for a holistic culture in organizations!

Do we mean the same thing?

Gefährdungsbeurteilung – Risk Assessment

Unfälle - Accidents

Gesundheitsschutz – Healthcare

Gesundheitsförderung – Health promotion

Berufskrankheit – Occupational Illness

Psychische Belastung – Psychosocial Stress



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ZERO HARM – HEALTHY WORK!

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ZERO HARM – HEALTHY WORK!

- Is a PREVENTION STRATEGY for a safe & healthy future.
- EVERY accident is preventable!
- NOBODY should be killed at work!
- NO SERIOUS occupational diseases, work accidents or traffic accidents!

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IMPLEMENTATION

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7 Golden Rules

The 7 Golden Rules for VISION ZERO



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RISK ASSESSMENT

Risk Assessment – Seven Steps



Risk Assessment – Hazard Catalogue



Seven Steps

7 Control Effectiveness

6 Realize Measures

5 Determine Measures

4 Evaluate Risks

3 Investigate Hazards

2 Identify Activities /Jobs

1 Collect Structural Data

Factors for Risk Assessment

Basic Organisational Factors

In this section you may document organisational settlements, which you already apply in the company.

Basic Organisational Factors



1 (p. 8–23)

- | | |
|--|---|
| <input type="checkbox"/> 1.1 Workplace-Related Training | <input type="checkbox"/> 1.7 Alarm and Rescue Measures |
| <input type="checkbox"/> 1.2 Workplace-Related Operating Instruction | <input type="checkbox"/> 1.8 Hygiene |
| <input type="checkbox"/> 1.3 Coordination of Work | <input type="checkbox"/> 1.9 Organisation of Occupational Safety and Health |
| <input type="checkbox"/> 1.4 Hazardous Work | <input type="checkbox"/> 1.10 General Communication |
| <input type="checkbox"/> 1.5 Use of Personal Protective Equipment | <input type="checkbox"/> 1.11 Mandatory Testing of Work Equipment |
| <input type="checkbox"/> 1.6 First-Aid Systems | <input type="checkbox"/> 1.12 Employment Restrictions |

Risk and Stress Factors

In this overview you may select risk and stress factors, which are true for the company.

Hazards related to Workplace Design



2 (p. 24–30)

- | | |
|--|---|
| <input type="checkbox"/> 2.1 Working Spaces | <input type="checkbox"/> 2.5 Containers and Confined Spaces |
| <input type="checkbox"/> 2.2 Traffic Routes | <input type="checkbox"/> 2.6 Working close to Water |
| <input type="checkbox"/> 2.3 Falling on Even Ground, Slipping, Stumbling, Twisting one's Ankle, Missteps | |
| <input type="checkbox"/> 2.4 Falling from a Height | |

Hazards related to Ergonomic Factors



3 (p. 31–39)

- | | |
|--|---|
| <input type="checkbox"/> 3.1 Heavy Physical Work | <input type="checkbox"/> 3.6 Extent of Perception |
| <input type="checkbox"/> 3.2 Physical Work Straining on one Side | <input type="checkbox"/> 3.7 Impeded Handling of Work Equipment |
| <input type="checkbox"/> 3.3 Lighting | <input type="checkbox"/> 3.8 Standing Workplaces |
| <input type="checkbox"/> 3.4 Climate | <input type="checkbox"/> 3.9 Workstations |
| <input type="checkbox"/> 3.5 Assimilation of Information | |

Mechanical Hazards



4 (P. 40–44)

- | | |
|--|--|
| <input type="checkbox"/> 4.1 Unprotected Moving Parts of Machinery | <input type="checkbox"/> 4.4 Parts Moving Uncontrolled |
| <input type="checkbox"/> 4.2 Parts with Hazardous Surfaces | |
| <input type="checkbox"/> 4.3 Means of Transport | |

Electrical Hazards



5 (P. 45–46)

- | |
|--|
| <input type="checkbox"/> 5.1 Principles |
| <input type="checkbox"/> 5.2 Hazardous Body Currents |
| <input type="checkbox"/> 5.3 Electric Arcs |

Hazards related to Substances



6 (p. 47–59)

- | | |
|--|---|
| <input type="checkbox"/> 6.1 Harmful Effects of Gases, Vapours, Aerosols, Dusts, Liquid and Solid Substances | <input type="checkbox"/> 6.3 Miscellaneous Impacts (Odours/Oxygen Deficiency) |
| <input type="checkbox"/> 6.2 Skin Exposure | |

Hazards related to Fire and Explosion



7 (P. 60–67)

- | | |
|--|---|
| <input type="checkbox"/> 7.1 Fire Hazards related to Solids, Liquids and Gases | <input type="checkbox"/> 7.4 Physical Explosions (e. g. due to Hot Metal Melts and Water) |
| <input type="checkbox"/> 7.2 Hazards due to Explosive Atmosphere | <input type="checkbox"/> 7.5 Explosive Substances (Explosives) |
| <input type="checkbox"/> 7.3 Thermal Explosions (Runaway Reactions) | <input type="checkbox"/> 7.6 Miscellaneous Explosive Material (e. g. Peroxides) |

Biological Hazards



8 (P. 68–71)

- | |
|--|
| <input type="checkbox"/> 8.1 Targeted Activities |
| <input type="checkbox"/> 8.2 Non-Targeted Activities |

Hazards related to Special Physical Impacts



9 (P. 72–79)

- | | |
|--|--|
| <input type="checkbox"/> 9.1 Noise | <input type="checkbox"/> 9.6 Ionising Radiation |
| <input type="checkbox"/> 9.2 Ultrasound | <input type="checkbox"/> 9.7 Electromagnetic Fields |
| <input type="checkbox"/> 9.3 Whole-Body Vibrations | <input type="checkbox"/> 9.8 Contacts with Hot or Cold Media |
| <input type="checkbox"/> 9.4 Hand-Transmitted Vibrations | <input type="checkbox"/> 9.9 Electrostatic Hazards |
| <input type="checkbox"/> 9.5 Non-Ionising Radiation | <input type="checkbox"/> 9.10 Overpressure |

Mental Stress Factors



10 (P. 80–85)

- | | |
|---|---|
| <input type="checkbox"/> 10.1 Mental Overload or Underload | <input type="checkbox"/> 10.4 Regulation of Working Hours |
| <input type="checkbox"/> 10.2 Scope of Action, Responsibility | <input type="checkbox"/> 10.5 Misuse of Alcohol or Drugs |
| <input type="checkbox"/> 10.3 Social Conditions | |

Miscellaneous Risk and Stress Factors



11 (P. 86–88)

- | |
|--|
| <input type="checkbox"/> 11.1 Field Work |
| <input type="checkbox"/> 11.2 Humans |
| <input type="checkbox"/> 11.3 Animals |
| <input type="checkbox"/> 11.4 Plants |

What is the perspective?

- A worldwide view after the World Congress in Singapore?
- Improvement for qualification and development of competences
- Motivation and participation

Making work safer and healthier, worldwide.

The VISION ZERO-Guide – 7 Languages



Why a VISION ZERO-Training?

- to promote VISION ZERO globally
- to attract enterprises and stakeholders
- to transfer and implement VISION ZERO in enterprises
- to address training institutions and trainers



Objectives of the VISION ZERO-Training

- **Implementation of VISION ZERO in enterprises**
- **Promote VISION ZERO as the new global prevention strategy**

Target Groups of the VISION ZERO-Training

- **Employers and Managers**
- **Workers Representatives**
- **OSH-Professionals**

- **Trainers**
- **Labor Inspectors**
- **Social Insurances**
- **Auditors**
- **Trade Associations**
- **Trade Unions**

How to offer VISION ZERO-Training worldwide

- By qualified trainers from the ISSA sections in cooperation with local partners
- By certified training providers using the ISSA VISION ZERO-Curricula



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Everybody returns home
from work safe and healthy
every day