



*Training Course:  
Safety Risk Management: Prevention, Control,  
and Hazard Analysis*

*17 - 21 August 2026  
Madrid (Spain)*

## Training Course: Safety Risk Management: Prevention, Control, and Hazard Analysis

Training Course code: HE236243 From: 17 - 21 August 2026 Venue: Madrid (Spain) - Training Course Fees: 6300 € Euro

### Introduction

Risk management is essentially a planning tool designed to identify, assess, and control risks—whether originating from work processes or workers themselves. It is based on a coordinated and structured process that allows organizations to recognize potential hazards, evaluate their likelihood, and implement preventive measures. Risk management involves a series of systematic steps and tasks to ensure safety, minimize incidents, and protect people, assets, and operations.

### Program Objectives

By the end of this training program, participants will be able to:

- Apply the fundamentals of enterprise risk management.
- Identify risks that affect people, processes, and systems, and understand their impact on operational and financial performance.
- Assess situations and anticipate problems before they become threats.
- Improve and evaluate risk-based decision-making.
- Link risks to potential costs and integrate them into business planning.
- Identify and apply a range of techniques to support management in making effective decisions.

### Target Audience

- Managers and senior managers.
- Financial controllers.
- Auditors.
- Executive directors.
- Risk management and occupational safety specialists.
- Anyone wishing to develop their skills and expertise in risk and safety management.

### Outlines:

## Day 1:

### Risk Management Responsibilities

- Studying previous incidents and fires in the facility and learning from prior measures and investigations.
- Identifying potential hazards in the workplace through comprehensive evaluation and analysis of all parts of the facility.
- Preparing reports on incidents and occupational injuries, and applying relevant legal frameworks.
- Prioritizing the treatment of high-level and more likely risks before addressing less severe hazards.
- Conducting regular inspections across the facility to follow up on recommendations and assess their effectiveness.
- Continuously training and guiding workers on compliance with safety procedures.
- Maintaining comprehensive safety records incidents, fires, training, lost working hours, material losses for future reference and prevention.

### Risk Management Tasks:

- Preparing the workplace as a safe working environment.
- Improving natural conditions ventilation, lighting.
- Conducting regular inspections of workplaces and workers.
- Conducting research, statistics, and studies on risks and incidents.
- Developing training programs for workers and management.

## Day 2:

### Objectives and Procedures of Risk Management

#### Objectives:

- Protecting workers from occupational hazards.
- Establishing safety procedures to prevent risks.
- Analyzing the workplace to identify sources of hazards.
- Evaluating and improving existing safety measures.
- Conducting job hazard analyses and developing procedures.
- Classifying hazardous areas and establishing appropriate safety guidelines.

#### Procedures:

- Identifying risks in the workplace.
- Defining hazards and who is exposed to them.
- Assessing control measures and precautions.
- Recording results.
- Regular review and evaluation.

#### Day 3:

##### Risk Analysis

- Analyzing probable risk signals with a reasonable likelihood of occurrence.
- Using available information systematically to identify and evaluate hazard severity and mitigation strategies.
- Minimizing negative outcomes and reducing human or material losses through preventive strategies.
- Responding effectively to risks to limit damage.

##### Steps in Risk Analysis:

- Identifying potential hazard sources in the workplace.
- Identifying individuals at risk.
- Evaluating existing measures and precautions.
- Recording results as reference material.
- Performing regular reviews and assessments.

##### Risk Components:

- Number of people potentially exposed.
- Severity of harm or injury.
- Probability of occurrence.

##### Risk Specification:

- Determining whether hazard sources can be completely removed.

- If not, assessing whether risks can be controlled to avoid injury or damage.

#### Precautions:

- Ensuring compliance with legal and regulatory safety requirements.
- Meeting industry standards.
- Representing best practices.
- Effectively reducing risks when applied.

#### Day 4:

##### Risk Assessment

- Comparing risk analysis results with acceptance and decision criteria.
- Using risk assessment to guide efforts, identify weaknesses, and improve resilience.
- Ensuring assessment is an ongoing process integrated into all operations, not limited to specific cases.

##### General Assessment Procedure:

- Identifying hazards and their sources.
- Assessing weaknesses in procedures or work steps against threats.
- Evaluating risks resulting from weak controls and their potential consequences.
- Assessing the effectiveness of current measures.
- Making recommendations.

#### Day 5:

##### Injury and Risk Control Procedures

##### Danger and Injury Assessment:

- Determining the probability of hazard occurrence under current conditions.
- Identifying the number of employees potentially exposed.
- Assessing the severity of possible injuries.
- Recording the evaluation.

**Control Procedures:**

Applying a structured hierarchy of controls to neutralize or reduce hazards:

1. **Elimination** - removing the hazard completely.
2. **Substitution** - replacing the hazard with a safer alternative.
3. **Isolation** - separating workers from the hazard.
4. **Engineering Controls** - modifying equipment or processes to control risks.
5. **Administrative Controls** - using signs, instructions, and work procedures.
6. **Personal Protective Equipment PPE** - ensuring proper protective gear use.

**Additional measures:**

- Limiting worker exposure to hazards.
- Supervision and monitoring by experts or specialized authorities.
- Continuous training to improve worker awareness and expertise.

## Registration form on the Training Course: Safety Risk Management: Prevention, Control, and Hazard Analysis

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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