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HEALTH SAFETY AND ENVIRONMENT | HSE-001

Risk Assessment and Hazard Control: Proactive Safety Management

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Course content

Why Attend

Risk assessment and hazard control are essential components of effective safety management. This course equips participants with the knowledge and skills to identify workplace hazards, assess risks, and implement control measures to prevent accidents and injuries. By attending, you will learn how to create a safer work environment and ensure compliance with safety regulations.

Course Methodology

This course is highly interactive and practical, featuring:

- Lectures : Expert-led sessions on risk assessment methodologies and hazard control strategies.
- Case Studies : Real-world examples of risk assessment and hazard control in action.
- Group Discussions : Collaborative activities to share ideas and experiences.
- Practical Exercises : Hands-on activities to apply risk assessment and control techniques.
- Assessments : Quizzes and exercises to reinforce learning.

Course Objectives

By the end of this course, participants will:

- Understand the principles of risk assessment and hazard control.
- Learn to identify and evaluate workplace hazards.
- Develop skills to implement effective risk control measures.
- Gain knowledge of regulatory requirements and best practices.
- Create a proactive safety management plan for their organization.

Target Audience

This course is ideal for:

- HSE officers and safety managers.



Course content

Target Audience

• Risk managers and compliance officers.

• Supervisors and team leaders responsible for workplace safety.

• Employees involved in safety and risk management.

• Anyone interested in improving workplace safety through proactive risk management.

Target Competencies

Participants will develop the following competencies:

• Risk Identification : Recognizing potential hazards in the workplace.

• Risk Assessment : Evaluating the likelihood and impact of risks.

• Hazard Control : Implementing measures to mitigate risks.

• Regulatory Compliance : Understanding and adhering to safety regulations.

• Safety Planning : Developing and maintaining a proactive safety management plan.

Course outline

Day 1: Introduction to Risk Assessment and Hazard Control

• What is risk assessment? Key concepts and importance.

• The role of hazard control in proactive safety management.

• Overview of regulatory requirements and standards (e.g., OSHA, ISO 45001).

• Activity: Group discussion on workplace hazards and risks.

Day 2: Identifying Workplace Hazards

• Types of workplace hazards: Physical, chemical, biological, ergonomic, and psychosocial.

• Techniques for hazard identification: Inspections, audits, and employee feedback.

• Activity: Conducting a workplace hazard identification exercise.



Course content

Course outline

Day 3: Risk Assessment Methodologies

• Risk assessment steps: Identifying, analyzing, and evaluating risks.

• Qualitative vs. quantitative risk assessment methods.

• Tools and techniques for risk assessment (e.g., risk matrices, checklists).

• Activity: Performing a risk assessment for a simulated workplace scenario.

Day 4: Implementing Hazard Control Measures

• Hierarchy of controls: Elimination, substitution, engineering controls, administrative controls, and PPE.

• Developing and implementing risk control plans.

• Monitoring and reviewing control measures for effectiveness.

• Activity: Creating a hazard control plan for a specific risk.

Day 5: Proactive Safety Management and Continuous Improvement

• Developing a proactive safety management plan.

• Engaging employees in safety initiatives and risk management.

• Continuous improvement: Regularly reviewing and updating risk assessments and control measures.

• Course wrap-up: Key takeaways and action plans for continued improvement.

Additional Notes :

• Each day includes breaks and time for Q&A.

• Participants will receive a workbook with templates, checklists, and resources.

• A certificate of completion will be awarded at the end of the course.



Seminar dates

Available seminar dates

Live dates and pricing for Risk Assessment and Hazard Control: Proactive Safety Management generated from the course details page.

Date	Location	Format	Fee
7 - 11 December 2026	Munich - Germany	Classroom	**€2,760.-**
11 - 15 January 2027	Barcelona - Spain	Classroom	**€3,080.-**
8 - 12 February 2027	Frankfurt - Germany	Classroom	**€2,600.-**
8 - 12 March 2027	Rome - Italy	Classroom	**€3,400.-**
12 - 16 April 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
10 - 14 May 2027	Barcelona - Spain	Classroom	**€3,080.-**
14 - 18 June 2027	London - U.K	Classroom	**€3,360.-**
12 - 16 July 2027	Geneva - Switzerland	Classroom	**€4,200.-**
9 - 13 August 2027	Barcelona - Spain	Classroom	**€3,080.-**
13 - 17 September 2027	Frankfurt - Germany	Classroom	**€2,600.-**
11 - 15 October 2027	Rome - Italy	Classroom	**€3,400.-**
8 - 12 November 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
13 - 17 December 2027	Barcelona - Spain	Classroom	**€3,080.-**

Live online option	Online delivery is available at €1,850.-.