



HEALTH SAFETY AND ENVIRONMENT | HSE-009

# Workplace Risk Assessment and Hazard Control

## Contact

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## Address

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# Course content

## Why Attend

Risk assessment is the foundation of every effective health and safety management system. Poor risk assessments either miss serious hazards or bury people in paperwork without reducing risk.

This Aractech course teaches a practical, proportionate approach to identifying hazards, evaluating risks and selecting effective controls using the hierarchy of controls. Participants learn qualitative and semi-quantitative methods, task-based and job safety analysis, dynamic risk assessment, and how to review and communicate assessments.

## Course Methodology

- Practical workshops on real tasks
- Risk matrix exercises
- Case studies
- Group reviews of assessments
- Action planning

## Course Objectives

- Explain risk assessment principles and legal requirements
- Identify hazards using systematic methods
- Evaluate risks using appropriate techniques
- Select effective controls using the hierarchy of controls
- Conduct job safety analysis and dynamic risk assessment
- Review, communicate and maintain risk assessments

## Target Audience

- HSE officers and coordinators

# Course content

- Supervisors and managers
- Engineers and planners
- Risk and compliance staff

# Course outline

## Detailed course outline

Day-by-day outline for Workplace Risk Assessment and Hazard Control.

### Day 1 - Risk Assessment Principles

- 09:00-09:39 | Hazard and risk definitions
- 09:39-10:18 | Legal requirements
- 10:18-10:57 | Types of risk assessment
- 10:57-11:00 | Roles and competence
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Roles and competence (continued)
- 12:05-12:43 | Common weaknesses
- 12:43-14:00 | Exercise: Critiquing a risk assessment

### Day 2 - Hazard Identification

- 09:00-09:39 | Workplace inspections
- 09:39-10:18 | Task analysis
- 10:18-10:57 | Checklists and brainstorming
- 10:57-11:00 | Health hazards
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Health hazards (continued)
- 12:05-12:43 | Hazards to vulnerable groups
- 12:43-14:00 | Workshop: Hazard identification walk-through

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### Day 3 - Risk Evaluation

- 09:00-09:39 | Likelihood and severity
- 09:39-10:18 | Risk matrices
- 10:18-10:57 | Semi-quantitative methods
- 10:57-11:00 | ALARP principle
- 11:00-11:30 | Coffee break
- 11:30-12:05 | ALARP principle (continued)
- 12:05-12:43 | Prioritisation
- 12:43-14:00 | Exercise: Risk evaluation

### Day 4 - Selecting Controls

- 09:00-09:39 | Hierarchy of controls
- 09:39-10:18 | Engineering and administrative controls
- 10:18-10:57 | PPE as last resort
- 10:57-11:00 | Control effectiveness
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Control effectiveness (continued)
- 12:05-12:43 | Residual risk
- 12:43-14:00 | Workshop: Control selection

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### **Day 5 - Practical Application**

- 09:00-09:45 | Job safety analysis
- 09:45-10:30 | Dynamic risk assessment
- 10:30-11:00 | Communicating risk
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Communicating risk (continued)
- 11:45-12:30 | Review and monitoring
- 12:30-13:15 | Management of change
- 13:15-14:00 | Capstone: Complete risk assessment

# Seminar dates

## Available seminar dates

Live dates and pricing for Workplace Risk Assessment and Hazard Control generated from the course details page.

| Date                  | Location  | Format    | Fee    |
|-----------------------|-----------|-----------|--------|
| 9 - 13 November 2026  | London    | Classroom | €2,315 |
| 14 - 18 December 2026 | Istanbul  | Classroom | €1,978 |
| 18 - 22 January 2027  | Vienna    | Classroom | €3,225 |
| 15 - 19 February 2027 | Barcelona | Classroom | €2,815 |
| 15 - 19 March 2027    | Rome      | Classroom | €3,460 |
| 19 - 23 April 2027    | Munich    | Classroom | €3,225 |
| 17 - 21 May 2027      | Amsterdam | Classroom | €2,830 |
| 21 - 25 June 2027     | London    | Classroom | €2,315 |
| 19 - 23 July 2027     | Istanbul  | Classroom | €1,978 |
| 16 - 20 August 2027   | Vienna    | Classroom | €3,225 |

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| Date                   | Location      | Format        | Fee    |
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| 20 - 24 September 2027 | Barcelona     | Classroom     | €2,815 |
| 18 - 22 October 2027   | Rome          | Classroom     | €3,460 |
| 15 - 19 November 2027  | Munich        | Classroom     | €3,225 |
| 20 - 24 December 2027  | Amsterdam     | Classroom     | €2,830 |
| 9 - 13 November 2026   | Online / Live | Online / Live | €1,815 |
| 14 - 18 December 2026  | Online / Live | Online / Live | €1,815 |
| 18 - 22 January 2027   | Online / Live | Online / Live | €1,815 |
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