

HEALTH AND SAFETY MANAGEMENT FOR THE CONSTRUCTION INDUSTRY

““Mitigating Risk and Ensuring Compliance in High-Hazard Construction Environments””

Schedule

Date	Venue	Fees (Face-to-Face)
13 – 17 Apr 2026	London, UK	USD 3495 per delegate

► Available delivery methods: Face-to-Face & Online Training

Introduction

The construction industry is inherently high-risk, with safety incidents potentially leading to severe injuries, project delays, and legal consequences. Effective health and safety management is not only a regulatory requirement—it’s a moral and operational imperative. This intensive 5-day course provides construction professionals with the tools and knowledge needed to implement and maintain a comprehensive safety management system. It aligns with international standards, including ISO 45001, and incorporates industry best practices for hazard identification, incident prevention, compliance auditing, and on-site risk control.

Objectives

- By the end of this course, participants will be able to:
- Develop and implement a safety management system for construction projects
 - Conduct hazard identification, risk assessment, and control (HIRAC)
 - Comply with relevant international and local safety regulations
 - Promote safety leadership and worker participation in health and safety practices
 - Monitor safety performance and conduct incident investigations effectively

Why Attend

- Improve on-site safety and reduce the risk of costly incidents
- Stay compliant with global health and safety standards (e.g., ISO 45001)
- Learn how to develop and enforce site-specific safety protocols
- Boost your organization's reputation and reduce project delays
- Enhance your leadership and communication on safety matters

Target Audience

This program is designed for:

- Construction managers and project engineers
- HSE professionals and safety officers
- Site supervisors and foremen
- Compliance and QA/QC personnel
- Contractors and subcontractors in the oil & gas or infrastructure sectors

Individual Benefits

Key competencies that will be developed include:

- Safety leadership and awareness
- Hazard identification and control
- Risk assessment and safe work practices
- Regulatory compliance and auditing
- Incident reporting and root cause analysis

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced incidents, downtime, and insurance costs
- Improved safety compliance and inspection readiness
- Higher morale and productivity through a safe working environment
- Stronger client and stakeholder confidence in project execution
- Enhanced culture of safety accountability and prevention

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Regulations, frameworks, and risk control models
- Case Studies – Construction-related incidents and prevention strategies
- Workshops – Conducting risk assessments, safety planning, and audits
- Peer Exchange – On-site experiences and incident debriefs
- Tools – Templates for HIRAC, safety plans, toolbox talks, and safety KPIs

Course Outline

Training Hours: 07:30 AM - 03:30 PM Daily Format: 3-4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Break: 01:00 - 02:00

Day 1: Safety Foundations and Regulatory Frameworks

- Module 1: Introduction to Construction Safety Management (07:30 - 09:30) • Industry-specific risks and accident trends • Overview of safety standards (OSHA, ISO 45001, ILO)
- Module 2: Legal Compliance and Duties of Employers (09:45 - 11:15) • Contractor responsibilities and legal implications
- Module 3: Workshop - Safety Roles & Gap Assessment (11:30 - 01:00) • Analyze current responsibilities and compliance gaps

Day 2: Hazard Identification and Risk Assessment

- Module 4: Hazard Types and Risk Evaluation (07:30 - 09:30) • Physical, chemical, ergonomic, and process hazards
- Module 5: HIRARC Process and Risk Prioritization (09:45 - 11:15) • Using a risk matrix to assess and control risks
- Module 6: Workshop - Conduct a Site Risk Assessment (11:30 - 01:00) • Identify risks in a simulated construction scenario

Day 3: Control Measures and Safety Culture

- Module 7: Hierarchy of Controls and Safe Work Procedures (07:30 - 09:30) • Engineering, administrative, and PPE controls
- Module 8: Building a Safety Culture and Workforce Engagement (09:45 - 11:15) • Leadership, communication, and participation
- Module 9: Workshop - Draft a Job Safety Analysis (JSA) (11:30 - 01:00) • Break down tasks and assign safety measures

Day 4: Incident Response and Performance Monitoring

- Module 10: Incident Investigation and Root Cause Analysis (07:30 - 09:30) • Reporting, evidence gathering, and corrective actions
- Module 11: Safety Audits and Performance KPIs (09:45 - 11:15) • Audit planning, checklists, and continuous improvement
- Module 12: Workshop - Incident Scenario and Corrective Plan (11:30 - 01:00) • Analyze a case study and present findings

Day 5: Integrating Safety into Project Planning

- Module 13: Safety in Procurement and Contractor Management (07:30 - 09:30) • HSE clauses in contracts and supplier prequalification
- Module 14: Site Safety Planning and Emergency Preparedness (09:45 - 11:15) • Developing a construction safety management plan
- Module 15: Final Workshop - Prepare a Site Safety Plan (11:30 - 01:00) • Present a full safety strategy for a mock project

Certification

Participants will receive a Certificate of Completion in Health and Safety Management for the Construction Industry, validating their ability to implement, manage, and improve health and safety systems in high-risk construction environments.

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