

# € TRAINING

Conference on Managing Occupational  
Health and Safety in Work Environments



11 - 15 November 2024  
London (UK)



# Conference on Managing Occupational Health and Safety in Work Environments

REF: C2765 DATE: 11 - 15 November 2024 Venue: London (UK) - Fee: 5850 Euro

## Introduction:

This conference aims to highlight the significance of managing occupational health and safety in work environments according to both international and local standards. It will focus on risk analysis and evaluation, developing engineering solutions to reduce accidents, and explore the latest technologies in the field of health and safety management, emphasizing their role in enhancing safety within organizations.

## Conference Objectives:

By the end of the conference, participants will be able to:

- Understand and apply occupational health and safety standards such as OSHA and ISO 45001.
- Analyze and evaluate workplace risks using techniques like HAZOP and FMEA to create preventive strategies.
- Implement engineering solutions to improve health and safety standards while minimizing workplace risks.
- Develop and execute effective emergency response plans to manage accidents and improve safety across the organization.
- Incorporate modern technologies like AI and IoT into health and safety systems to enhance accident prevention and response.

## Target Audience:

- Occupational health and safety managers in corporate and industrial settings.
- Engineers responsible for workplace design and management.
- Quality and risk management officers across various sectors.
- Occupational safety supervisors in factories and construction sites.
- Safety technology experts and project coordinators in health and safety projects.
- Military Leaders in Military Units.

## Conference Outline:

### Unit 1:

Occupational Health and Safety Management According to International Standards:

- Introduction to the importance of OHS in the workplace.
- International and local standards such as OSHA and ISO 45001.
- The role of management in implementing safety and prevention systems.
- The importance of effective leadership in promoting an OHS culture.
- Challenges of managing OHS within organizations.

## Unit 2:

### Risk Analysis and Evaluation:

- Principles of risk analysis and its role in improving work environments.
- Techniques for risk evaluation such as HAZOP and FMEA.
- How to handle incidents and assess their impact on employees and productivity.
- Developing preventive strategies based on risk analysis results.

## Unit 3:

### Engineering Solutions in OHS Management:

- The role of engineering solutions in enhancing safety standards.
- How to design workplaces that minimize engineering risks.
- Techniques for handling hazardous materials and controlling risks.
- Successful examples of using engineering to prevent accidents.
- Developing customized engineering standards and procedures for institutions.

## Unit 4:

### Incident and Emergency Management:

- The importance of pre-planning for emergencies to maintain safety.
- Steps for building incident response plans within organizations.
- Case studies on managing large-scale accidents.
- Analyzing past incidents and offering recommendations for improved response.

## Unit 5:

### Modern Technologies in OHS Management:

- The impact of technology on enhancing workplace safety standards.
- Applications of AI and IoT in risk management.
- Early warning systems and their role in reducing injuries.
- Reviewing technological tools to improve OHS systems.
- How to integrate technological solutions into existing OHS systems.