

Advanced Health & Safety Management

Date	Venues	(\$)Fees	Book your seat
21 Dec -25 Dec 2025	Cairo	2950	Register Now

Introduction

Safety Management has come under considerable scrutiny in the light of recent disasters. However the concept of Safety Management Systems is usually limited to the systematic approach and not to the holistic (all aspect) approach. Safety Management must encompass both the hard and soft aspects of safety to produce an exceptional outcome. Health and Safety has to be managed with the same degree of expertise and to the same standards as other core business activities because of the high cost of failures; Legislation requiring employers to assess and manage risks; Public opinion on risk acceptability moving against poorly managed organizations which impose excessive risks and high profile disasters which fuel public opinion.

The seminar is based upon Successful Health and Safety Management as produced by the Health and Safety Executive UK but not only, as various topics for High Hazard Plants will be looked into in more detail.

The course will cover:

- Legislation
- Successful Health and Safety Management (HSG 65)
- COSHH and Hazard Communications
- Risk Assessments & HAZOP studies

Objectives

Participants attending the seminar will understand:

- The necessity to manage Health and Safety with the same degree of expertise and to the same standards as other core business activities
- Understand the Legislation in Europe and the United States for High Hazard Industries
- How Safety Culture is involved in a SMS
- The effect of Behavioural safety on safety culture
- Work Permit Systems & LO / TO
- Risk perception and HAZOP studies

Training Methodology

The course is presented using PowerPoint presentation and videos. Case studies further enhance the learning outcome. Active participation will be encouraged so that participants can gain through the personal experiences of the group.

Organizational Impact

The organisational impact will be that the employees participating in this seminar will:

- Gain increased professionalism
- Understand the internationally accepted standards for H&S management systems
- Be able to improve their present working systems
- Have the capability to reduce accidents in the workplace
- Accept that team working is of the highest importance
- Have the capacity to increase profitability

Personal Impact

Upon completion of this course, participants will have gained:

- An understanding of the different types of Safety Management systems
- A familiarity of the legal basis for H&S Management
- An appreciation of how a policy affects the strategy in Health and Safety
- The understanding of how to organise a H&S Management System
- Knowledge in evaluating the performance of Health and Safety
- The basics of the HAZOP process

Who Should Attend?

This seminar is a practical guide for professionals involved in improving Health and Safety in their organisation. As a team effort in developing and maintaining a Safety Management system this is important for the following disciplines:

- Managers
- Supervisors
- Team Leaders
- Professionals of all fields
- Safety Professionals
- Employee Representatives

SEMINAR OUTLINE

DAY 1

Legislation for Health and Safety

- Introduction
- Legislation for Health and Safety
- Legislation for High Hazard Industries
- Process Safety Management (OSHA 29 CFR 1910.119)
- The Seveso Directive (EU Directive)
- Introduction to Safety Management Systems

- The Outer System Environment
- The Inner System Environment

DAY 2

Policy and Safety Culture

- Policy for Health and Safety
- Responsibility for accidents rest with management
- Organisational factors
- Human Factors
- Job Factors
- Organisation for Health and Safety
- Control, Co-operation, Communication, Competence
- Safety Culture

DAY 3

Planning and Implementation

- Planning and Implementation
- Management arrangements
- Risk Control Systems – Inputs, Processes, Outputs
- Risk Assessments
- Work Permit Systems & LO / TO
- Hazard Communication
- COSHH Assessments
- Exercise

DAY 4

Measuring Performance & HAZOPs

- Measuring Performance
- Active Monitoring systems
- Reactive Monitoring systems
- Audits & Reviews
- Case Study of the Flixborough Disaster
- Introduction to HAZOP
- Element selection
- Exercise

DAY 5

Behavioural Safety

- Taylor, Herzberg, Vroom, Geller, Maslow
- ABC analysis – Antecedents, Behaviour and Consequences
- Natural penalties and consequences
- Identifying critical behaviours

- Observing behaviours
- Feedback on observations
- Case study: BP Texas City
- Course Evaluation and Summary