

Advanced Health and Safety Management

Venue Information

Venue: London UK

Place:

Start Date: 2025-12-22

End Date: 2025-12-26

Course Details

Net Fee: £4750.00

Duration: 1 week

Category ID: STC

Course Code: STC-1

Syllabus

courses Syllabus

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 organisations which impose excessive risks and high profile disasters which fuel public opinion.

This courses will cover:

- Risk assessments & HAZOP studies

courses Objectives

- 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

The courses Contents

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

Policy and Safety Culture

- Policy for Health & 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

Planning and Implementation

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

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

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
- courses Evaluation and Summary