

# € TRAINING

Advanced Health & Safety Management



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## Introduction:

Who does not want to be part of a winning team? Everyone wants to be on a winning team but the emphasis is on the team. Therefore all the players must work together to create a win-win outcome. This requires the input of the theoretician the practitioner and the implementer.

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.

## Course Objectives:

At the end of this course the participants will be able to:

- Realize 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
- Understand how Safety Culture is involved in an SMS
- Recognize the effect of Behavioural safety on safety culture
- Explore the work Permit Systems & LO / TO
- Get risk perception and HAZOP studies
- Understand the internationally accepted standards for H&S management systems
- Improve their present working systems
- Reduce accidents in the workplace
- Accept that team working is of the highest importance

## Targeted Audience:

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

## Course Outlines:

### Unit 1: Legislation for Health and Safety:

- 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

## Unit 2: Policy and Safety Culture:

- Policy for Health & Safety
- Responsibility for accidents rests with management
- Organizational factors
- Human Factors
- Job Factors
- Organization for health and safety
- Control, Co-operation, Communication, Competence
- Safety Culture

## Unit 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

## Unit 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

## Unit 5: Behavioural Safety:

- Taylor, Herzberg, Vroom, Geller, Maslow
- ABC analysis - Antecedents, Behaviour, and Consequences
- Natural penalties and consequences
- Identifying critical behaviors
- Observing behaviors
- Feedback on observations