

Advanced Health & Safety Management

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Advanced Health & Safety Management



Overview

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. This Advanced Health & Safety Management training course 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

Participants attending this training course 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.



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Course Content



1. Legislation for Health and Safety

- Introduction.
- Legislation for Health and Safety.
- Legislation for High-Hazard Industries.
- Process Safety Management.
- The Seveso Directive (EU Directive).
- Introduction to Safety Management Systems.
- The Outer System Environment.
- The Inner System Environment.

2. Policy and Safety Culture

- Policy for Health and Safety.
- Responsibility for Accidents Rests with Management.
- Organisational Factors.
- Human Factors.
- Job Factors.
- Organisation for Health and Safety.
- Control, Cooperation, Communication, Competence.
- Safety Culture.

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.

4. Measuring Performance & HAZOPs

- Measuring Performance.
- Active Monitoring Systems.
- Reactive Monitoring Systems.
- Audits & Reviews.
- Introduction to HAZOP.
- Element Selection.

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.



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Targeted Audience

This course 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.

Course Methodology

Facilitated by an experienced professional trainer, this training course will be conducted as a highly interactive workshop session. A variety of training methodologies and facilitation techniques will be used before and during the course whenever applicable. These methods are aimed at enhancing individual and group interaction while maximizing learning. Some of these methods are:

- Online Pre-post Test
- Colorful Visual Aids
- Gamification
- Self-Assessment Instruments
- Simulations
- Case Studies
- Videos
- Group Exercises & Discussions
- Role plays
- Indoor & Outdoor games

