

Safety and Health Management Systems - Advanced

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Energy Milestones Corporation Advancing Professionals to the next level

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Safety and Health Management Systems - Advanced



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 organisations, which impose excessive risks and high-profile disasters, which fuel public opinion. This Advanced Health & Safety Management training course is based on Successful Health and Safety Management, as produced by the Health and Safety Executive UK, but also includes in-depth examination of various topics related to High Hazard Plants.

Course Objectives

Participants attending this training course will understand:

- The necessity of managing health and safety together.
- Degree of expertise, to the same standards as other core business activities.
- Understand the Legislation in Europe and the United States for Hazard Industries.
- How is Safety Culture involved in an 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.



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Course Content

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 employed before and during the course, as applicable. These methods are designed to enhance individual and group interaction while maximising learning. Some of these methods are:

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

