

H S E

HEALTH

SAFETY

ENVIRONMENT



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Best Practice in Chemical Risk Assessment and Management

Duration: 5 Days



Who should attend?

This course is suitable for anyone involved with chemicals policy, chemical management and chemical risk assessment and also any involved in chemical handling, storage and transport including line managers, supervisors, EHS, quality and EHS professionals and auditors and general staff.

Course Objectives:

By the end of this course delegates will be able to:

- Understand legal obligations in relation to hazardous chemicals and actions needed to meet these,
- Understand hazardous chemical dangers, correct labeling & Safety Data Sheets (SDS),
- Gather and evaluate information about properties and hazards of chemicals,
- Perform chemical risk assessments in a competent manner,
- Determine and priorities best practice control measures to reduce risk,

- Identify appropriate information for training employees,
- Determine when health surveillance is required,
- Plan for chemical-related emergencies,
- Source additional information about chemicals and their safe management.

Course Outline:

- General (background) and chemical-related health and safety legislation including CLP & REACH,
- Classification of hazardous chemicals,
- Chemical accident case studies,
- Type and impact of health & environmental effects and safe working levels (SWLs),
- Hazard identification & chemical risk assessment,
- Sourcing information (use of SDS and other data sources),
- Principles of risk reduction,
- Exposure scenarios, basics of chemical monitoring & health surveillance,
- Pro-active risk assessment, review and management of change,
- Safe chemical handling and storage,
- Emergency and spill response planning,
- Information, instruction and training needs for employees,
- Drafting a chemical management program
- Case studies, discussions and interactive, problem-based individual and group training exercises are used to reinforce delegates' learning.