

€ TRAINING

Safety Compliance & Site Inspection



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Introduction:

Industrial disasters cause pain, suffering, death, financial loss, and loss of commercial reputation. Organizations, as a minimum requirement, must demonstrate compliance with health, safety, and environmental "HSE" legal requirements. They should also demonstrate compliance with their own HSE Management System.

An essential part of any HSE-MS is to provide some means of measuring performance against these requirements and to provide feedback for management review. The HSE Audit and site inspections are essential elements in providing this function. Auditors, whether experienced or new need to have the necessary experience in HSE to conduct an effective audit.

Course Objectives:

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

- Appreciate the ABCD approach to audit
- Describe the Company's HSE Management System Elements
- Understand the role of risk assessment and risk management
- Develop a plan and implement vertical and horizontal audit systems
- Be aware of approaches such as HSG65, OHSAS 18000, ISO 14000, and ISO 45001
- Carry out effective site inspections to sample behavioral and physical aspects of the site and its workers
- Measure improvements in safety culture
- Describe the role of projects HSE reviews
- Be able to prepare audit reports

Targeted Audience:

- Experienced and new auditors linked to the organization's HSE MS
- All HSE Personnel
- Managers and Supervisors responsible for HSE functions
- Individuals responsible for controlling contractors

Course Outlines:

Unit 1: Introduction to Safety Audits and Inspections:

- Avoiding Industrial Disasters: the need for Checks, Inspections, and Audits
- An introduction to the ABCD approach to Audits
- Introduction to risk assessment and risk management
- Working with contractors and other organizations
- Permit-to-work Systems
- What should the HSE Management System cover
- Standards for HSE Management Systems
- Projects Health, Safety & Environmental Plans

Unit 2: Elements of HSE Management Systems:

- Types of HSE Management Systems
- Elements of HSE - Management Systems
- HSE Policy - Elements of HSE policy statements
- Types of self-audit systems
- Proactive and reactive monitoring of performance
- Proprietary HSE audit software systems
- Quantitative Audit Systems

Unit 3: Behavioural Safety:

- Motivation and employee involvement
- Development of positive safety culture
- What is the safety culture?
- How to promote safety culture
- How to measure safety culture
- Behavioural Safety and employee involvement
- Selection of outcome indicators

Unit 4: Inspection and Observation Procedures:

- A simple "nuts & bolts" problem
- Engineering integrity
- Site inspections and observation techniques
- The Safety Case Concept
- Permit-to-work systems
- Preparation of audit reports and action plans
- Specific audit/inspection systems: fire protection and site activities

Unit 5: Emergency Preparedness:

- Elements of an emergency plan
- Auditing emergency plans
- Procedures for preparing action plans
- Auditing of Contractors
 - Selection
 - Site Activities
- Procedures for preparing action plans