

# H S E

HEALTH

SAFETY

ENVIRONMENT



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## **Safety Auditing, Hazard Identification & Site Inspection**

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**Duration:** 5 Days



### **Introduction:**

Most organizations now have implemented an HSE Management System. An essential part of any HSE-MS is to provide some means of measuring performance 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.

The program covers all the essential skills in HSE needed by both experienced and new auditors. There will be discussions on elements of HSE Management Systems and the role of HSE audits and verification by site inspection on essential elements such as risk assessment and risk management. The program will concentrate on enhancing knowledge on HSE issues, including promoting and developing positive safety culture within the organization. In this course you will learn to:

- Prepare and conduct effective Company and contractors HSE Audits
- Enhance your background for relevant HSE issues
- Gain necessary skills in carrying out physical site inspections
- Prepare HSE audit reports

## **Who Should Attend?**

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HSE personnel, experienced and new auditors linked to the organization's HSE MS, managers and supervisors responsible for HSE functions, individuals responsible for controlling contractors

## **Course Objectives:**

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

- 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
- Carry out effective site inspections to sample behavioral and physical aspects of the site and its workers
- Describe the role of projects HSE reviews
- Be able to prepare audit reports

## **Course Outline:**

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### **Introduction to Safety Audits and Inspections**

- Introduction to risk assessment and risk management
- Working with contractors and other organizations
- What should HSE Management System cover
- Types of HSE Management Systems:
- Elements of HSE- Management Systems
- Projects Health, Safety & Environmental Plans- Mechanism for audit and review for each stage of the project.
- Case study

### **Safety Audits**

- Definitions
- Benefits of safety audits
- Stages of safety audit
- Teaming up
- Audit plan
- Procedures
- Evaluation of findings
- Reporting recommendation
- Follow up action plan
- Audit management
- Company health and safety policy and management commitment
- Hazard identification
- Hazard control
- Ongoing worksite inspection
- Worker compliancy and training
- Emergency response planning
- Incident reporting and investigation
- Audit assessment
- Marking methodology.

- Assessment methodology.

### **Safety Inspection**

- Type of inspection (techniques of monitoring safety performance)
- Site inspection procedures
- Site inspection checklist
- Reporting of site inspection
- Inspection and Observation Procedures
- The Safety Case Concept offshore
- Specific audit/inspection systems: fire protection and site activities
- Permit-to-work systems
- Preparation of audit reports and action plans
- Emergency Preparedness
- Auditing emergency plans
- Elements of an emergency plan
- Procedures for preparing action plans