

# H S E

HEALTH

SAFETY

ENVIRONMENT



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## Basics of HSE Management

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**Duration:** 5 Days



### Introduction:

Recognition and proper management of health, safety and environmental risks is fundamental to all management and professional roles in

the industry. This course aims to equip participants with the underpinning knowledge relating to the concepts of an effective HSE management system and the key elements required for successful implementation. The course is based upon a common HSE management system model (OGP, or tailored as required for in-house courses), and the course explains the basic elements and their interaction. A variety of exercises, readings, videos and case studies will be used to understand and practice the leadership, communication, implementation, and monitoring, corrective action, audit and review tools generally used in HSE management systems.

This course will enable to you meet HSE challenges in your daily work, and explains why this work is both important and cost-efficient. The

course provides an introduction to the most important and newest theories, principles and methods within the field, but the focus is constantly on how the work on health, safety and the environment is planned and carried out in practice. The participants thus have a solid theoretical and practical basis, and can contribute to well-planned and correctly executed HSE work in the company.

## **Who Should Attend?**

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The course is designed for all staff in the oil and gas and petrochemicals industries requiring a basic awareness of health, safety and environmental (HSE) management including; Operations, Engineers, Supervisors, Project managers and aspiring HSE professionals. It is a core course for any persons who can influence HSE Management within the organization and is also ideal for anyone new to the industry with no prior HSE management knowledge

## **Course Objectives:**

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

- The principle elements of a health and safety management system, and how these interact to promote continual improvement in HSE management
- About commonly used HSE management systems
- Key tools associated with risk assessment, risk control and active reactive monitoring
- The roles and responsibilities of individuals within the management system and how they can affect the safety culture of the organization

## **Course Outline:**

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- Introduction to HSE management – Regulation of health, safety and the environment
- Leadership and Commitment
- Policy and Strategic Objectives
- Legislation and Regulation
- Organization, Responsibilities and Resources
- Professional Training and Behaviors
- Risk Assessment and Management
- Planning and Procedures
- Contractor Controls
- Security
- Emergency Response
- Performance Management
- Incident Reporting and Investigation

- Audit
- Management Review
- HSE statutes and regulations
- Establishing HSE plans
- Challenges within health/working environment, external environment and safety
- Different tools and instruments
- Internal control and management philosophy – Duties and rights
- HSE management – Vision, strategy and goals
- Culture – Behavior
- Health and working environment – External environment
- Safety – Risk management process and risk analysis
- Emergency preparedness – Follow-up of undesirable incidents