

ENVIRONMENTAL PERFORMANCE PROCEDURES, PRACTICES AND PLANS

HSE029

COURSE DESCRIPTION

Traditionally, environmental protection has been considered to be “in the public interest” and external to private life. Governments have assumed principal responsibility for assuring environmental management, and have focused on creating and preserving a safe environment. They have directed the private sector to adopt environmentally sound behaviour through regulations, sanctions and occasionally, incentives. When environmental problems have arisen, the public sector has generally borne the responsibility for mitigation of environmental damage. This course is designed to cover the topics necessary to manage environmental and its related issues in compliance with their organisation’s policy, legislation and best practice.

COURSE GOAL

To enhance the participants’ knowledge, skills and ability necessary to effectively respond to challenges and manage the environmental issues relating to their working processes.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Be familiar with the oil and gas production process.
- Determine potential environment impacts.
- Apply environmental sustainability tools.
- Understand the regulatory framework, institutional factors and infrastructure governing the environmental issues.
- Understand and apply environmental management in oil and gas industry.
- Understand operational procedures and practices.
- Apply environmental protection measures.
- Define environmental auditing.
- Understand the role of Regularity Auditor.
- Understand and use the auditing report.

WHO CAN BENEFIT

Personnel who manage environmental issues in compliance with their organisation’s policy, legislation and best practice.

COURSE DURATION

5 Working Days

COURSE OUTLINE

1. Overview

- Overview of the Oil and Gas Production Process
 - Exploration Survey
 - Exploration Drilling
 - Appraisal
 - Development and Production
 - Decommissioning and Rehabilitation
- Potential Environment Impacts
 - Human, Socio-economic and Cultural Impacts
 - Atmospheric Impacts
 - Aquatic Impacts
 - Terrestrial Impacts
 - Ecosystem Impacts
 - Potential Emergencies
 - Environmental Impacts in the Context of Protection Policies and Requirements
- Environmental Sustainability Tools
 - Environmental Management Tools
 - Environmental Assessment Tools
 - Environmental Monitoring and Auditing Tools
 - Environmental Reporting and Communication Tools

2. Management

- Regulatory Framework, Institutional Factors and Infrastructure
 - International and Regional Frameworks
 - National Frameworks
- Environmental Management in Oil and Gas Industry
 - Management Systems
 - Leadership and Commitment
 - Policy and Strategic Objectives
 - Organization, Resources and Documentation
 - Evaluation and Risk Management
 - Planning
 - Implementation and Monitoring
 - Audit and Review

3. Operational Procedures and Practices

- Environmental Protection Measures
 - Implementation on Site
 - Operational Considerations
 - Pollution Prevention and Clear Production
 - Waste Treatment and Disposal Techniques
 - Oil Spill and Contingency Planning
 - Decommissioning and Rehabilitation
 - Environmentally-sensitive Areas
 - Technology Considerations
 - Atmospheric Emissions
 - Produced Water
 - Solid Wastes
 - Techniques

4. Environmental Audit and Regularity Auditing.

- What is Environmental Auditing?
- What Can a Regularity Auditor Do?
- Reporting

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