



Arabian Institute For Training

Risk Management for Oil and Gas

INTRODUCTION

- This Risk Management for Oil & Gas training seminar focuses on the issues and imperatives in managing risks in the Oil & Gas industry. The Oil & Gas industry is inherently risky, and in order for any organization to succeed in today's fast paced, globally interlinked Oil & Gas industry environment, the ability to proactively identify, assess and reduce risk and uncertainty is essential, but is not always managed effectively. Unfortunately, in recent years, the industry has seen many high-impact, but avoidable, incidents that, as well as representing high cost and loss of life have a major impact on reputation. It is apparent that all responsible organisations today need to give increased prominence to Risk Reduction and Management.
- This training course provides both a structured approach to managing risks efficiently and effectively, and the opportunity to study the management lessons that can be learnt from Oil and Gas industry experiences. Case studies are used to highlight key issues and learning points.

This training seminar will highlight:

- The special nature of nature of Risks in Oil & Gas
- Evaluating Risk Management frameworks and practices
- The use of ISO 31000 in Oil & Gas
- The impact of leadership, decision-making, planning, operations, administration, infrastructure and external geo-political issues
- Immediate actions to reduce risk efficiently & effectively

OBJECTIVES

By the end of this training seminar, you will learn to:

- Understand the role of Risk Management in contributing to performance and competitiveness in Oil & Gas
 - Appreciate the lessons of the past from the industry and apply a precautionary approach
 - Evaluate & select appropriate concepts, approaches, international standards, methods and techniques for the effective implementation of Risk Management
 - Assess current Oil & Gas Risk Management practice & develop mechanisms to support application across the organization
 - Guide organizational deployment
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TRAINING METHODOLOGY

- Participants to this seminar will receive a thorough training on the subjects covered by the seminar outline with the Tutor utilising a variety of proven adult learning teaching and facilitation techniques. This includes a fast-paced, highly participative event incorporating case studies, current affairs with group work so you can immediately put what you've learned into practice

ORGANISATIONAL IMPACT

Oil & Gas industry organisations today need to focus on Risk. They need to:

- Develop a greater understanding of the role of Risk Management within Oil & Gas and their own organization
- Learn from industry experiences
- Educate and engage their employees in Risk Management
- Develop an organization wide emphasis and culture of managing risk
- Develop the competencies of their people
- Establish a standard corporate approach to managing risk

PERSONAL IMPACT

Delegates will develop their risk management skills by attending the program. They will:

- Master the concepts, approaches, standards, methods and techniques for the effective implementation of Risk management
- Understand a practical framework for the implementation of Risk management in Oil & Gas
- Develop the necessary leadership skills enabling you to communicate your Risk Management findings to all levels & stakeholders
- Appreciate the importance of risk management & reduction and of developing an appropriate risk reduction culture
- Be able to apply appropriate Risk Management approaches & understand and apply ISO31000
- Develop specific practical Risk analysis and improvement skills

WHO SHOULD ATTEND?

- This training course is suitable for a wide range of professionals who are involved in any aspect of Risk Management within the Oil & Gas industry and who want to understand, implement and improve the most up to date Risk Management concepts, processes and ideas. For example:
 - Experienced Risk Managers & Practitioners requiring a refresher on recent developments
 - Internal auditors who seek to fully understand Risk Management & ISO 31000
 - Line & Project Managers who want to ensure that they are effectively managing risk
 - Operations, Project and Program Managers, Engineers and Supervisors
 - Change, Transformation & Organizational Development Managers, Excellence, & Quality Professionals
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Course Outline

Risk and Risk Management in Oil & Gas

- Objectives & Governance, Concepts & Definitions of Risk & Risk Management
- Risk in Oil & Gas
- Risk Management Frameworks & ISO31000
- The Importance of Commitment, Culture, Communication and Behaviour in Seeking an Effective Risk Management Structure
- The Global Business and Risk Environment for Oil & Gas
- Enterprise Risk Management – The Resilient Organisation

Designing Your Organisational Framework for Managing Risk

- Selecting a Risk Management Framework and Process Suitable for Oil & Gas Application
- Defining Risk Management Responsibilities & Accountabilities
- Measuring Risk Management Performance
- Comparing Your Organisation's Risk Management to the ISO 31000 Model & Principles
- Aligning Risk Management with the Organisation
- Defining Risk Attitude and Risk Appetite
- Selecting Options for Risk Criteria, Assessment, Identification, Analysis & Evaluation

Business Continuity Management Systems (BCMS)

- Fundamental Principles of Business Continuity Management in Oil & Gas
- Implementation of a BCMS in accordance with ISO 22301 & ISO 27031
- Incident and Emergency Response Management
- Business Impact Analysis (BIA) and Risk Assessment
- The Relationship between BCMS and Compliance with the other Risk Management Requirements
- Planning Implementation of a Business Continuity Management Systems (BCMS)

Effectively Implementing Risk Management in Oil & Gas

- Identifying Appropriate Resources and Methodologies to Implement The Risk Management Plan
 - Integrating Risk Management into Decision-making
 - Typical Barriers to Implementation
 - Risk Reporting & Stakeholder Management
 - Quantitative Risk Modelling and Qualitative Reporting
 - Aligning Risk Reporting with Other Strategic Management Activities, such as Reputation Management
 - Learning from Recent Cases of Failure in the Oil & Gas Industry
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Review and Continuous Improvement of the Framework

- Key Risk Indicators (KRI's)
- Continually Improving the Risk Management Implementation
- Collating Risk and Control Information into a Central Risk Register / System
- Inventory of Controls (The "Five Ws")
- Understanding & using Feedback and Taking on Board "lessons learnt"
- Open Forum



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