

# € TRAINING

Conference on Risk Management and  
Effective Internal Audit



13 - 17 October 2024  
Sharm El-Sheikh (Egypt)



# Conference on Risk Management and Effective Internal Audit

REF: C1994 DATE: 13 - 17 October 2024 Venue: Sharm El-Sheikh (Egypt) - Fee: 4095 Euro

## Introduction:

This conference explores essential methodologies and techniques crucial for operational risk management and safety enhancement within industrial environments. It equips professionals with the knowledge and tools necessary to mitigate risks, enhance operational safety, and cultivate a proactive safety mindset across organizational levels.

## Conference Objectives:

At the end of this conference, participants will be able to:

- Learn how to evaluate different types of risk.
- Develop the skills of applying advanced risk assessment techniques relevant to the process industry.
- Develop a strategy for planning and implementing risk reduction action plans.
- Appreciate the contribution of human error to accidents.
- Apply advanced techniques for root-cause analysis of incidents.
- Define internal auditing and internal control.
- Identify "high-risk" processes and build control systems that mitigate the risk.
- Develop control-based internal auditing recommendations that truly help management meet tactical and strategic objectives.
- Audit Evidence and Audit Sampling.

## Targeted Audience

- Risk managers & project managers.
- Members of project offices, and project sponsors.
- Functional managers, senior management.
- Employees interested in Risk Management and Internal Audit.

## Conference Outline:

Unit 1:

## Quantified Risk Assessment [QRA]:

- Failure Modes & Effects Analysis [FMEA].
- Decision trees and Event Tree Analysis [ETA].
- Sources of failure data.
- Fault Tree Analysis [FTA].
- Quantification of ETA and FTA.
- Evaluation of Individual and Societal Risks.

## Unit 2:

### Advanced Incidents Investigation Techniques:

- Human contribution to accidents.
- The role of root cause Analysis in identifying management system failures.
- Accident investigation techniques.
- Latent failure and root causes for incidents.
- Techniques for root-cause analysis.

## Unit 3:

### Internal Auditing and the Business Environment:

- Define Internal Auditing.
- Identify the Components of an Effective Internal Audit Function.
- Management Responsibilities of an Internal Audit Function.
- Define the Various Types of Internal Audits.
- Define Alpha and Beta Audit Risk.
- Perform Compliance, Substantive, and Operational Testing.
- Calculate Audit Risk.
- Discuss the Basic Concepts of Audit Evidence, and their Impact.

## Unit 4:

### Planning and Conducting Successful Audit Interviews:

- Discuss a Framework for Planning, Conducting and Evaluating the Results of Interviews.
- Overcome Resistance.
- Manage Conflict with Management.
- Listen Effectively, Talk Effectively in a Non-Threatening Environment.
- Understand the Nature of Confidentiality of Information.

## Unit 5:

### Promoting a positive safety culture:

- Introduction to Safety Culture.
- Techniques for improving safety culture.
- Measuring improvements in safety culture.
- Integrating safety culture within the HSE Management System.