Conference: Risk Management & Effective Internal Audit



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Introduction

Environmental Management Systems are based on a proactive process for incident prevention as well as reactive monitoring of performance. Risk assessment is required to be applied to all activities that impact health & safety, production, asset, environment, and the Company's reputation, also this conference goes beyond the boundaries of risk assessment and management it helps the participants to create knowledge in the effective techniques of internal audit.

Conference Objectives

At the end of this conference, the 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
- Individuals 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
- Define the 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 Tests
- Calculate Audit Risk
- Discuss the Basic Concepts of Audit Evidence, and their Impact

Unit 4: Planning and Conducting Successful Audit Interviews

- Plan 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
- Get to "Yes"
- 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