Project Risk Management in Oil & Gas Industry Training

2027 □□□□□ 29 – 25
Amsterdam (Netherlands)



Project Risk Management in Oil & Gas Industry Training

Ref: 20220930_219425 Location: Amsterdam (Netherlands) Fees: 5900 GBP

Course Description

This comprehensive 1-week course focuses on project risk management specifically tailored for the oil and gas industry. Participants will learn to identify, assess, and mitigate risks unique to complex energy projects. The course covers risk management frameworks, identification techniques, qualitative and quantitative analysis methods, response strategies, and monitoring processes.

Learning Objectives

- Develop a robust risk management framework for oil and gas projects
- Master risk identification and assessment techniques specific to the energy sector
- Learn to create and implement effective risk response strategies
- Understand how to integrate risk management into project lifecycle processes
- Gain practical skills in using risk analysis tools and methodologies

Course Modules

Day 1: Risk Management Fundamentals in Oil & Gas

- Introduction to project risk management in the energy sector
- Risk management standards and best practices ISO 31000, PMBOK
- Developing a risk management plan for oil and gas projects
- Stakeholder analysis and communication in risk management

Day 2: Risk Identification and Classification

- Risk identification techniques brainstorming, checklists, SWOT analysis
- Common risks in oil and gas projects technical, financial, environmental
- Risk breakdown structures and risk categorization
- Creating and maintaining a project risk register

Day 3: Qualitative and Quantitative Risk Analysis

- Qualitative risk assessment methods probability and impact matrix
- Quantitative risk analysis techniques Monte Carlo simulation, decision trees
- Sensitivity analysis and scenario planning for energy projects
- Risk prioritization and ranking methodologies



Day 4: Risk Response Planning and Implementation

- Developing risk response strategies avoid, transfer, mitigate, accept
- Contingency planning and management reserves
- Risk allocation in contracts and partnerships
- Implementing risk responses in project execution

Day 5: Risk Monitoring and Control

- Continuous risk monitoring and reassessment processes
- Key risk indicators and performance metrics
- Risk reporting and documentation best practices
- Lessons learned and risk management improvement

Practical Wins for Participants

- Ability to create a comprehensive risk management plan for oil and gas projects
- Proficiency in using quantitative risk analysis tools for decision-making
- Skills to develop and implement effective risk mitigation strategies
- Improved capacity to manage stakeholder expectations regarding project risks

