

Risk Management for Oil and Gas Projects Training

Course Price

£2750

Course Description

This course introduce delegates (project managers, sponsors, project engineers and the project team) to Risk Management best practices as dictated by the Project Management Institute and their Risk Management Standards to the Oil & Gas Industry.

The course focuses as well on many other international standards and management systems, supporting risks related to asset damage, business interruption, pollution, injuries to people, and damage to properties are intrinsic in normal oil and gas activities.

This is a hands on training, so delegates will go through a series of workshops about how to create, manage and sustain a risk management program in your facilities.

Course Objectives

The main objectives of this short course are:

- Learn how setup a healthy Risk Management practice for the oil and gas project
- Create a risk management plan
- Understand the typical risk management process
- Prepare to handle and the probability and/or impact of unfortunate events
- Prepare to handle and maximize risk opportunities
- Communicate risks efficiently
- Apply the risk management to other project management key areas (scheduling, tracking & oversight, project communication & status)

Who Should Attend

Project stakeholders especially those involved with risk identification and management and the impact on performance.

Course Content

- Principles of risk management and oil and Gas projects
- The risk management plan
- The Risk Management Process:

I. Risk Identification

II. Assessment (qualitative & quantitative)

III. Risk Index

IV. Risk Responses & treatments

- Create a risk management plan
- Implementation of Risk Management practice

Day 1

Risk Engagement and Alignment

Objectives

- Explain the Risk Management Process E2E (End to End)
- Operational Risk & the Operational Management Framework – A reality check
- Operational Risk Sources and Measurement Approaches

Topics

Overview of the Risk Management Standards and the Operational Risk Environment

Group Exercise: Identify the key components of your Risk Management Plan (we will use a simple O&G project as an example).

Communication, engagement, collaboration and participation – initiation of a risk management practice, tools & techniques

Summary & wrap up

Day 2

Risk Identification, Assessment and Quantification

Objectives

- How to perform the operational risk qualitative and quantitative analysis
- Identify key Indicators and their use.
- Risk assessments and scenarios
- Risk response and strategies

Topics

Purpose and Objectives of the Perform Qualitative Risk Analysis Process

Risk Information QA

Iterative Qualitative

Risk taxonomy

Purpose and Objectives of the Perform Quantitative Risk Analysis Process

Unbiased Data

Interrelationships between Risks in Quantitative Risk Analysis

Risk Impact Calculation

Presenting Quantitative Results

Risk Response Strategies

Risk Core Responses

Group exercise: Building, using and interpreting a Risk Register.

Summary & wrap up

Day 3

Risk Track, Oversight and Closing

Objectives

- Risk monitor, control and oversight

Topics

Risk management sustainability & engagement

Transforming your culture

Production vs Prevention

Customize your Risk Management and Program Plan

Q & A



CPD Unit

Continuing Professional Development

21 HOURS CPD