

A Successful 3-Day In-house Training Course

Offshore & Marine Projects and Risks Management



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WHY CHOOSE THIS TRAINING COURSE?

Risk management is an integral part of day-to-day business activities in many industries and the offshore & marine industry brings along its own inherent areas of risks - ranging from non-compliance of assets and in accordance with legislative bodies, major cost or schedule overruns for projects, asset safety, asset damage, business interruption, pollution, and injuries to people as key examples in addition to common or standard risks inherent in most projects.

In the oil and gas industry, managing marine-based projects in an offshore environment is increasingly complex. In this Project Risk Management course, you'll work through the proactive approach to both sides of risk: threats and opportunities. The interactive approach is based on PMI® RMP methodology and designed to provide both qualitative and quantitative approaches to risk management allowing delegates to enhance risk management awareness to ensure they can manage projects better - minimising project cost/schedule overruns and thus improving project execution.

The course will feature:

- Analysis of threats and opportunities facing offshore projects
Applying industry best-practice risk management methodology
- Evaluation of risk at project and task levels.
- Anticipate possible causes of cost and schedule overruns, to minimise or mitigate the impact.
- Understand the importance of compliance in an offshore environment

WHO IS THIS TRAINING COURSE FOR?

This course is intended for individuals engaged in multiple disciplines across niche segments of the Offshore & Marine industry including but not limited to:

- Project decision makers
- Project managers
- Related project support managers
- Marine Engineers
- Mooring Engineers
- Project personnel who control project decisions and plans

WHAT ARE THE GOALS?

The programme is designed to provide practicing offshore project personnel with the skills and knowledge to successfully manage risk throughout the project cycle. As such, delegates will:

- Gain an overview of the Risk Management Process
- Use a practical, six-step process designed to manage project risk
- Learn to identify risks that affect project scope, time & schedule, cost and quality
- Apply useful techniques to identify, analyse, mitigate and monitor risks throughout the project life cycle
- Learn how to create an effective risk monitoring plan and consider appropriate risk management strategies to maintain the plan.
- Develop the risk budget based on expected monetary value (EMV)

HOW WILL THIS TRAINING COURSE BE PRESENTED?

Participants will receive a thorough training on the subjects covered with the tutor utilising a variety of proven adult learning teaching and facilitation techniques. Seminar methodology is designed around a PMI® RMP syllabus and includes an insight into appropriate methods as well as industry tools and processes used as practice examples.

The course includes teamwork around an applicable offshore case study, with group discussion and critical analysis of project stakeholders and project context.

QUALITY CERTIFICATIONS



Daily Topics

DAY ONE

RISK MANAGEMENT FRAMEWORK AND PLANNING

INTRODUCTION

- Key definitions
- Purpose of Risk Management
- Benefits of embracing project risk management
- Integrating risk management into the project management process

COMPONENTS OF RISK

- Types of project risks
- Six steps to successful project risk management

RISK PLANNING (STEP 1)

- Plan the approach to risk management
- Planning inputs, tools & outputs

RISK IDENTIFICATION PROCESSES

RISK IDENTIFICATION (STEP 2)

- Risk Identification guidelines
- Identification inputs, tools & techniques
- Identifying and categorising risks

DAY TWO

INTERACTIVE REVIEW OF COST & SCHEDULE ESTIMATING IN RELATION TO RISK

- Identify cost estimating methods
 - » Learning the importance of accuracy, allowances, contingency & management reserve
- Measuring schedule against risk
- Considering tools for optimum resource management

RISK ASSESSMENT AND QUANTIFICATION PROCESSES

RISK ASSESSMENT & QUANTIFICATION (STEP 3)

- Probability & Impact analysis
- Risk analysis qualitative & quantitative approaches
- Risk analysis tools & techniques
- Programme Evaluation & Review Technique (PERT) analysis
- Decision tree exercise
- Project risk rating & prioritising

DAY THREE

RISK RESPONSE PLAN DEVELOPMENT

RISK RESPONSE PLAN DEVELOPMENT (STEP 4)

- Appropriate tools & techniques
- Risk response strategy guidelines
- Develop appropriate response strategies
- Risk response analysis
- Identify residual risk and design alternative responses (if required)

RISK RESPONSE CONTROL

RISK MANAGEMENT PLAN EXECUTION (STEP 5)

- Appropriate risk response control tools
- Risk response control guidelines
- Execute against the Risk strategy

EVALUATING RISK RESPONSE RESULTS (STEP 6)

- Creating example risk documentation






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