



M0051:

Decommissioning of Offshore Installations:

*An In-Depth Project Management Course
Covering all Aspects of Decommissioning*

Training Description:

Decommissioning offshore Oil and Gas installations is an inevitable part of the 'Life of Field' activities. It carries a multi-billion-dollar cost with no return. This course is essential to all those involved in decommissioning and those who need to be aware of their obligations/liabilities to decommissioning and how best to manage them such that opportunities can be realized, and overall costs reduced.

This intensive training course will provide participants with a detailed awareness and understanding of all aspects of offshore decommissioning from 'late life operations' through planning, estimating, preparation, execution and close out. A key learning point for delegates will be the opportunity to take part in 'real life' exercises related to decommissioning of a typical offshore asset.

The course will highpoint:

- A detailed understanding of all aspects of decommissioning
- A unique learning experience through 'real life' decommissioning related exercises and case studies
- Interaction with other professionals
- Opportunity to see how decommissioning challenges are managed internationally
- Opportunity to see and discuss future changes and technologies for decommissioning

Training Objectives:

By the end of the training, participants will be able to:

- ✓ Plan and execute decommissioning strategies
- ✓ Develop scopes for the various phases of decommissioning
- ✓ Evaluate decommissioning options
- ✓ Identify and manage decommissioning interphases
- ✓ Produce a Decommissioning Program

Personal Impact:

- ✓ A detailed awareness of decommissioning
- ✓ Learning new skills
- ✓ New learning opportunities from learning
- ✓ Add further value to his organization
- ✓ Career development

Organisational Impact:

- ✓ Understanding the decommissioning market and influences
- ✓ Identifying decommissioning opportunities
- ✓ Understanding the scope of decommissioning
- ✓ Ability to identify decommissioning risks and issues
- ✓ Ability to develop a decommissioning strategy
- ✓ Increasing decommissioning capability

Training Designed for:

This course is intended for project management level for Key Personnel requiring a detail understanding of all aspects of decommissioning. Further, this course is intended for Oil and Gas Operator Key Management, Project Personnel including Lead and Project Engineers, Asset Management Professionals, Operations

Personnel, Subsea Professionals, Commercial Managers, Marine Engineers, Structural Engineers, HSE Professionals, Maintenance Engineers, Supply Chain Management Personnel, Regulator Key Personnel involved with decommissioning Certifying Authority Key Management and Engineering Personnel, and Key Stakeholders.

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

DAY ONE:

- ❖ PRE-TEST
- ❖ Introduction
- ❖ **Decommissioning Strategy and Planning**
 - Decommissioning – the Myths and the Reality
 - Scope of decommissioning
 - Statistics
 - North Sea decommissioning experience
 - Regulations
 - Stakeholders/ perception and reputation
 - Decommissioning Options
 - Re-use/alternative use
 - NUI and deferment
 - Removal options
 - Lessons learnt and Group exercise

DAY TWO:

- ❖ **Strategy and Planning Continued**
 - Decommissioning Strategy
 - Late life of field
 - Contracting
 - Organization
 - Drivers, challenges and risk
 - Supply chain
 - Team exercise
 - Planning for Decommissioning
 - WBS and phasing
 - Schedule
 - Estimating
 - Risks and challenges

DAY THREE:

❖ Preparing for Decommissioning

- Engineering and Project Management
 - Data gathering
 - Surveys and access
 - Engineering down of systems
 - Temporary utilities and life support
 - Interfaces and management
 - Waste management and types of waste
 - Cleaning
 - Well abandonment
 - HSE
 - Team exercise
- Comparative Assessment
 - Process
 - Techniques

DAY FOUR:

❖ Preparing for Decommissioning (cont'd)

- Offshore Activities
 - Transition from production to decommissioning
 - Training
 - Making safe
 - Scope of preparatory work
 - Cleaning
 - Team exercise
- Decommissioning Equipment – the 'Toolbox'
 - Survey
 - Cutting
 - Cleaning
 - Well abandonment
 - Dredging
 - Temporary lifting

DAY FIVE:

❖ The End Game

- Removal and Transportation
 - Overview of heavy lift equipment
 - Review of removal options
 - Review of transportation and offloading options
- Decommissioning Subsea Infrastructure
 - Scope of subsea activities
 - Decommissioning pipelines
 - Removal of pipelines and umbilical
 - Removal of subsea components

- Team exercise
- Onshore Disposal/Recycling and Closeout
 - Onshore facilities and criteria
 - Closeout activities
 - Ongoing liability
- ❖ Course Conclusion
- ❖ POST-ASSESSMENT and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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