



Future-Oriented Training and Consulting

CONSTRUCTION MANAGEMENT IN OIL AND GAS PROGRAM

Construction Management in Oil & Gas: Safety at Every Stage

Equipping professionals to deliver oil and gas construction projects safely at every stage.

Proven Safety Frameworks Structured frameworks for embedding safety across construction.	Executive Discussions Case studies, simulations, and executive discussions from real projects.
Safety Management Tool Exposure Hands-on exposure to construction safety management tools.	Safe Delivery Framework A framework for delivering projects safely from mobilization through commissioning.

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Program Overview

This program builds practical expertise in managing construction activities across oil and gas projects with safety embedded at every stage.

Through case studies, executive discussions, simulations, and hands-on exposure to construction safety management tools, participants will develop a practical framework for delivering projects safely from mobilization through commissioning.

Program Objectives

- **Understand Oil and Gas Construction Fundamentals:** Grasp the phases and risks unique to oil and gas construction.
- **Plan for Safe Mobilization:** Build safety requirements into site setup and mobilization.
- **Apply Construction Safety Management Tools:** Use tools to track and manage safety performance.
- **Manage Safety Through Execution:** Embed safety checks into daily construction activities.
- **Deliver Safe Commissioning:** Apply safety rigor through startup and commissioning.
- **Sustain Safety Performance:** Apply monitoring and improvement practices long-term.

Target Audience

This program is designed for professionals managing safety across oil and gas construction, including:

- **Construction Managers** overseeing safe project delivery.
- **HSE & Safety Officers** embedding safety into construction stages.
- **Project & Site Engineers** executing safe construction activities.
- **Commissioning Engineers** managing safety through startup.
- **Contractors & Subcontractor Managers** aligning safety across the workforce.
- **Owners & Client Representatives** overseeing contractor safety performance.
- **Consultants & Safety Advisors** guiding clients on construction safety practice.

Program Impact

Participants will leave this program with a practical safety delivery framework. Graduates will return to their organizations ready to deliver projects safely from mobilization through commissioning.

Program Outline

MODULE 1: Foundations of Oil and Gas Construction Management

- Phases and risks unique to oil and gas construction
- Roles and responsibilities across construction teams
- Overview of applicable safety standards
- The manager's role in safety leadership
- Common pitfalls in early-stage safety planning

MODULE 2: Planning for Safe Mobilization

- Site setup and safety infrastructure planning
- Workforce induction and safety orientation
- Permitting and pre-mobilization safety reviews
- Hands-on exposure to mobilization planning tools
- Avoiding common mobilization safety gaps

MODULE 3: Safety Management Tools and Tracking

- Tracking safety performance and leading indicators
- Managing permits to work and isolations
- Hands-on exposure to safety management software
- Reporting safety data to stakeholders

MODULE 4: Managing Safety Through Execution

- Embedding safety checks into daily activities
- Managing high-risk activities and lifts
- Auditing work fronts for compliance
- Investigating incidents and near misses
- Building a safety-compliant execution plan

MODULE 5: Commissioning and Ongoing Safety Performance

- Applying safety rigor through startup and commissioning
- Monitoring safety performance across the project
- Capturing lessons learned for future projects
- Sustaining safety performance beyond the program