



Workshop on Managing Project Risks in the Oil & Gas Industry

May 5 – 9, 2025, 1st Run: Lagos & Port Harcourt

October 27 – 31, 2025, 2nd Run: Lagos & Abuja

For Tutor -Led Class: 9am – 4:30pm

Workshop fee: N400, 000 per Participant

For online: Delivery via Zoom

Online course fee: N350, 000 per Participant

Available for In-plant Training

**800 US\$ for foreign
Participants**

Program overview:

In the dynamic and high-stakes world of the oil and gas industry, effectively managing project risks is crucial to ensuring project success and sustainability. This comprehensive training program provides participants with the essential tools, methodologies, and best practices to identify, assess, and mitigate risks associated with oil and gas projects.

For Whom:

This training program is designed for project managers, risk managers, engineers, and other professionals involved in oil and gas projects who seek to enhance their knowledge and skills in managing project risks.

Learning objectives:

At the end of the program, participants will be able to:

- gain a thorough understanding of risk management principles and their application in the oil and gas industry;
- develop the ability to identify and assess risks specific to oil and gas projects;
- create and implement effective risk mitigation strategies;
- acquire skills in monitoring and reviewing risk management processes; and
- ensure compliance with industry regulations and manage crises effectively.

Course Outline:

Day 1: Understanding Risk Management

Fundamentals of Risk Management

- Definitions and importance of risk management in oil and gas projects.
- Key concepts: risk, uncertainty, and risk management processes.
- Risk management frameworks and standards (e.g., ISO 31000, COSO).

Risk Management in the Oil & Gas Industry

- Industry-specific challenges and risk factors (e.g., exploration, drilling, production).
- Historical case studies of major risks and lessons learned.

Risk Management Frameworks

- Overview of frameworks used in the industry.
- How to select an appropriate framework for your project.

Day 2: Risk Identification

Techniques for Risk Identification

- Brainstorming, Delphi technique, and SWOT analysis.
- Risk checklists and historical data review.

Tools for Risk Identification

- Risk registers and risk identification software.
- Practical exercise: Creating a risk register for a sample project.

Specific Risks in Oil & Gas Projects

- Exploration risks (geological, financial).
- Drilling risks (equipment failure, operational hazards).
- Production risks (regulatory, environmental).
- Decommissioning risks.

Case Study: Risk Identification

- Identification of risks and discussion of potential impacts.

Human Capital Associates Global Consult Ltd is Accredited by Nigeria Council for Management Development (NCMD)

Lagos: Human Capital Associates Global Consult Ltd: Acme House 2nd Floor, Ogba Industrial Scheme, Ogba, Ikeja – Lagos

Website: www.hcaglobalconsult.com: Email: info@hcaglobalconsult.com, hcaglobalconsult@gmail.com

Tel: Office Lines: Mon – Fri | 8am-5pm | +234-8051365946, +234-7087578814 (Office Lines)

24/7 Lines: +234-8068933608 (WhatsApp), +234-8029170491 & +234-8145745664(WhatsApp) & +234-9112830607

Day 3: Risk Assessment and Analysis

Qualitative Risk Assessment

- Risk probability and impact assessment.
- Risk matrices and scoring systems.

Quantitative Risk Assessment

- Techniques such as Monte Carlo simulation, fault tree analysis, and event tree analysis.
- Practical exercise: Performing a quantitative risk analysis using provided data.

Risk Prioritization

- How to prioritize risks based on assessment results.
- Decision-making frameworks for risk response.

Group Exercise: Risk Assessment

- Hands-on risk assessment of a sample project.

Day 4: Risk Mitigation and Control

Developing Risk Mitigation Strategies

- Risk avoidance, reduction, transfer, and acceptance.
- Creating risk response plans and contingency plans.

Implementing Control Measures

- Designing and applying control measures.
- Monitoring and reviewing the effectiveness of control measures.

Case Study: Mitigation Strategies

- Analysis of a successful risk mitigation case study in the oil and gas sector.
- Discussion of best practices and lessons learned.

Class Exercise: Mitigation Planning

Group exercise to develop a risk mitigation plan for a sample project.

Day 5: Risk Monitoring, Review, and Crisis Management

Ongoing Risk Monitoring and Review

- Techniques for tracking and reviewing risks throughout the project lifecycle.
- Using risk management software and tools for ongoing monitoring.

Adapting Risk Management Plans

- Adjusting risk management strategies in response to new information or changing conditions.

Crisis Management and Response

- Developing a crisis management plan.
- Best practices for effective crisis communication and response.
- Participant feedback and course evaluation.

Training Methodology: Lectures, discussions, exercises, case studies, audio-visual aids will be used to reinforce these teachings/learning methods.

LOCATIONS

1 - HCA Learning Centre. Acme House 2nd Floor, 23, Acme Road, Ogba, Industrial Scheme, Ikeja, Lagos, Nigeria

2 - Pearls Learning Hub, Plot 756, Opposite Divine Hand of God Ministry, Area 1, Garki, Abuja.

3 – Pakiri hotel Ltd., 4 Okwuruola Street, off Stadium Road, Rumuola, Port Harcourt, Rivers State.

Open Course Fee: 400, 000
In-plant Fee Negotiable

WORKSHOP FEE:

N400, 000 per participant, VAT –N30, 000

Note: this covers Workshop Fee, Tea/coffee break, Lunch, course materials and certificate of attendance.

Payment should be made into our Accounts:

Account Name: Human Capital Associates Global Consult Ltd.

Union Bank of Nig. PLC: Account No: 0097961537

First Bank of Nig. PLC: Account No: 2033683960

Keystone Bank Ltd.: Account No: 1007150325

For Booking / Enquiry, Call: 234-8051365946, 234-7087578814
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