

GLOBAL EXPERTS INSTITUTE FOR TRAINING.  
ISO 9001-2008 TRAINING PROVISION CERTIFIED

## OIL AND GAS FIELD OPERATIONS ( Achieving Operational Excellence)

### Schedule Dates:

Start Date	End Date	Place
11 Feb 2024	15 Feb 2024	Dubai – The H Hotel

### Program Introduction:

The oil and gas industry plays a pivotal role in powering economies, driving innovation, and meeting the world's energy demands. However, this sector also operates in an environment fraught with challenges – from fluctuating market dynamics to complex safety considerations. In the face of these challenges, the concept of operational excellence emerges as a powerful force, providing a roadmap for organizations to navigate these intricacies while achieving remarkable outcomes.

### Program Objective:

- ✓ Comprehend the Core Principles: Gain insights into the key principles that underpin operational excellence and understand how they contribute to achieving remarkable outcomes.
- ✓ Navigate Operational Challenges: Acquire strategies to address challenges within the oil and gas sector, enhancing efficiency, safety, and overall performance.
- ✓ Implement Best Practices: Explore methodologies such as Lean, Six Sigma, and Reliability-Centered Maintenance (RCM), and learn how to apply them to real-world scenarios for tangible results.
- ✓ Measure and Improve Performance: Develop proficiency in selecting and utilizing performance metrics and KPIs to drive data-driven decision-making and continuous improvement.
- ✓ Cultivate a Culture of Excellence: Be prepared to lead the charge in instilling a culture of operational excellence within your organizations, fostering collaboration, innovation, and sustainable growth

### Who should attend?

This training course is designed for individuals at all stages of their careers within the oil and gas sector. Whether you are a newcomer eager to grasp the foundational concepts or a seasoned professional looking to refine your operational strategies, this program is tailored to cater to your unique needs.

## Program Outlines

### *Day One*

#### **Introduction to Operational Excellence in the Oil and Gas Sector**

##### **Introduction and Course Overview**

- Welcome participants and provide an overview of the training program.
- Emphasize the importance of operational excellence in the oil and gas sector.
- Set the tone for the training's collaborative and interactive nature.

##### **Operational Excellence and Fundamentals:**

- Define operational excellence and its core principles.
- Explain how operational excellence contributes to efficiency, safety, and profitability.
- Showcase real-world examples of operational excellence success stories in the industry.

### *Day Two*

#### **Process Optimization and Efficiency**

##### Identifying Process Bottlenecks

- Understand the concept of process bottlenecks and their impact.
- Discuss common bottlenecks in oil and gas operations.
- Introduce techniques for identifying bottlenecks and inefficiencies.

##### **Lean and Six Sigma Methodologies**

- Introduce Lean and Six Sigma methodologies.

- Explore how these methodologies can be applied to streamline processes in the sector.
- Case studies demonstrating successful process optimization using Lean and Six Sigma.

### *Day Three*

#### **Safety and Risk Management**

##### **Establishing a Safety Culture:**

- Discuss the significance of safety culture in the oil and gas sector.
- Highlight the role of employees in promoting a culture of safety.
- Share best practices for creating and nurturing a safety-conscious environment.

##### **Operational Risk Identification and Mitigation:**

- Identify various operational risks in oil and gas operations.
- Explore strategies for risk assessment and mitigation.
- Discuss how operational excellence contributes to improved safety and risk management.

### *Day Four*

#### **Asset Management and Reliability**

##### **Life Cycle Management of Oil and Gas Assets**

- Explain the asset lifecycle and its stages.
- Discuss challenges in asset management specific to the oil and gas sector.
- Introduce approaches to optimizing asset utilization throughout their lifecycle.

### **Predictive and Preventive Maintenance:**

- Differentiate between predictive and preventive maintenance.
- Showcase how these maintenance approaches enhance asset reliability.
- Hands-on exercises or simulations on implementing maintenance strategies

### ***Day Five***

### **Continuous Improvement and Performance Metrics**

#### **Cultivating a Culture of Continuous Improvement**

- Discuss the principles of continuous improvement.
- Explore how operational excellence encourages an environment of ongoing enhancement.
- Engage participants in group discussions on practical ways to promote continuous improvement.

#### **Key Performance Indicators (KPIs) and Metrics:**




- Explain the importance of performance metrics and KPIs in measuring success.
- Introduce relevant KPIs for the oil and gas sector.
- Provide guidance on collecting, analyzing, and utilizing performance data.

#### **Training Methodology:**

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

## Cost Quotation in Kuwaiti Dinars

### The total cost includes:

-  Instructor(s) expenses
-  Training materials
-  Certification

**Total Cost: 1200 KD per Participant**  
( One Thousand Two Hundred Kuwaiti Dinar )