

Training  
Course

Operations Improvement



## Course Plan

### Introduction

This course introduces some of the most well-known operational improvement . You'll learn about the principles of each improvement model, how to select the best option for your lab as well as how to implement it to ensure your lab is continuously improving in terms of effectiveness and efficiency.

### Course Objectives

These intensive 5 days course is designed to provide oil and gas professionals with the essential skills and knowledge to improve operations within their organizations. The course will cover process optimization, utilities management, safety, and environmental compliance in a condensed format, combining lectures, practical exercises, and case studies

### Who should attend?

- who are almost all production and operation engineers and fields operators in oil and gas fields



## Training Methods:

- ✓ Online Video material.
- ✓ Presentation.
- ✓ Live Interactive sessions.
- ✓ Course presenter will make extensive use of all tools that will be needed for the virtual environment.
- ✓ Questions & Answers

## Course Outline:

### Day One

#### **Introduction and Process Optimization**

- Overview of the Oil and Gas Industry
- Importance of Operational Efficiency
- Fundamentals of Process Optimization
- Process Simulation and Modeling
- Key Performance Indicators (KPIs)



## Day Two

### **Manipulation of Process Variables and Utilities Management**

- Understanding Critical Process Variables
- Techniques for Manipulating Variables
- Balancing Variables for Optimal Outcomes
- Overview of Utilities in Oil and Gas
- Energy Efficiency Practices
- Techniques for Reducing Utilities Consumption

## Day Three

### **Effluents and Environmental Compliance**

- Types and Sources of Effluents
- Effluent Treatment Techniques
- Strategies for Minimizing Waste

## Day Four

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

- Safety in Process Operations
- Risk Assessment and Management
- Developing and Implementing Emergency Plans
- EDS& Blowdown systems
- Case Studies in Safety Management

## Day Five

### **Implementing Change**

- The Change Questionnaire
- Why people avoid or oppose change?
- Practical Strategies for Leading People through Change
- Opening the Door to Change - *Addressing the 5 Forces of Change*
- How to deliver the change required to improve performance in your organization?
- Review

## Training Details

Course Duration

5 Days

Pre-Schedule

4 – 8 August 2024

Venue

Cairo – Hilton Ramsis Hotel

Training Fees Per  
Person

KWD 1200 ( One Thousand Two Hundred Only )

Course Fees Include

- ✓ Tuition documentation
- ✓ Curriculum and Training Handout
- ✓ Five star light snacks
- ✓ Completion Certificates
- ✓ Lunch Included

