



London TDM

## **Oil and Gas Industry Training Courses**

**Course Venue:** Malaysia - Kuala Lumpur

**Course Date:** From 01 February 2026 To 05 February 2026

**Course Place:** Royale Chulan Hotel

**Course Fees:** 6,000 USD

## Introduction

This comprehensive 5-day course on "Health and Safety in Oil and Gas Operations" is designed to equip participants with the necessary skills and knowledge to manage health and safety risks effectively in the oil and gas industry. By understanding the unique challenges and implementing best practices, participants will contribute to creating safer work environments and ensuring compliance with industry regulations.

## Objectives

- Understand the fundamental principles of health and safety in the oil and gas industry.
- Identify common hazards and risks associated with oil and gas operations.
- Implement effective risk management and mitigation strategies.
- Comply with relevant local and international health and safety regulations.
- Promote a culture of safety and continuous improvement in the workplace.

## Course Outlines

### Day 1: Introduction to Health and Safety in Oil and Gas

- Overview of the Oil and Gas Industry
- Importance of Health and Safety
- Regulatory Framework and Standards
- Roles and Responsibilities of Safety Personnel
- Case Studies: Historical Incidents and Lessons Learned

### Day 2: Hazard Identification and Risk Assessment

- Understanding Hazards in Oil and Gas Operations
- Conducting Effective Risk Assessments
- Tools and Techniques for Hazard Identification
- Behavioral Safety and Human Factors
- Developing Risk Management Plans

### Day 3: Safety Management Systems

- Introduction to Safety Management Systems (SMS)
- Components of an Effective SMS
- Implementation and Monitoring of SMS
- Incident Investigation and Reporting
- Emergency Preparedness and Response

### Day 4: Health and Environmental Considerations

- Occupational Health in Oil and Gas Operations
- Health Risk Assessments and Controls
- Environmental Impact and Sustainability Practices
- Waste Management and Pollution Control
- Noise, Vibration, and Ergonomics

## **Day 5: Developing a Safety Culture and Continuous Improvement**

- Building a Safety Culture in the Organization
- Leadership and Worker Engagement
- Training and Competency Development
- Performance Measurement and Auditing
- Continuous Improvement and Innovation in Safety