



*Training Course:  
OSHA Oil and Gas Sector*

*5 - 16 October 2025*

*Dubai (UAE)*

*Residence Inn by Marriott Sheikh Zayed Road, Dubai*

## Training Course: OSHA Oil and Gas Sector

Training Course code: EN236177 From: 5 - 16 October 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 8400 € Euro

### Introduction

The oil and gas industry is one of the most hazardous sectors globally, requiring rigorous application of safety regulations and proactive risk management. This 12-day intensive training program, designed by Global Horizon Training Center, equips safety officers, engineers, supervisors, and frontline workers with the critical knowledge and practical tools to ensure compliance with OSHA standards specifically applicable to upstream, midstream, and downstream operations. The program integrates OSHA regulations CFR 1910 & 1926, industry best practices, and case-based learning for a complete understanding of health and safety management in the oil and gas environment.

### Objectives

By the end of this program, participants will be able to:

- Understand and apply OSHA regulations relevant to the oil and gas industry.
- Identify workplace hazards and implement effective control measures.
- Conduct incident investigations, risk assessments, and safety audits.
- Promote a strong safety culture and employee participation.
- Develop and manage OSHA-compliant safety programs and documentation.
- Ensure emergency preparedness and regulatory reporting readiness.

### Target Audience

- HSE and Safety Officers in oil & gas operations
- Drilling, production, and maintenance engineers
- Site supervisors and operational team leaders
- Contractors and service providers
- Compliance and audit professionals

- Emergency response and safety trainers

## Organizational Impact

Organizations that invest in this training will gain:

- Higher levels of OSHA compliance
- Reduced incident rates and downtime
- Stronger employee awareness and involvement in safety
- Effective management of contractor safety
- Readiness for OSHA inspections and audits

## Training Outline

### Day 1: Introduction to OSHA & Safety Regulations in Oil and Gas

- Overview of OSHA standards 1910 & 1926
- Upstream, midstream, and downstream safety risks
- Employer responsibilities and employee rights
- Understanding OSHA's General Duty Clause

### Day 2: Hazard Communication HAZCOM and Chemical Safety

- OSHA HAZCOM standard 29 CFR 1910.1200
- Safety Data Sheets SDS and labeling
- GHS classification system
- Worker right-to-know programs

### Day 3: Personal Protective Equipment PPE

- OSHA PPE requirements and hierarchy of controls
- Selection and use of flame-resistant clothing, respiratory protection, hearing, and eye protection

- Fit testing and maintenance procedures
- PPE hazard assessments

#### Day 4: Confined Space Entry in Oil & Gas Sites

- Permit-required confined spaces PRCS
- Entry procedures, atmospheric testing
- Roles: Entrant, Attendant, Supervisor
- Rescue planning and compliance documentation

#### Day 5: Fall Protection and Working at Heights

- OSHA fall protection regulations 1910.28 & 1926.501
- Guardrails, harnesses, lifelines, and anchors
- Scaffolds, ladders, derricks, and rig floors
- Rescue techniques and fall hazard assessments

#### Day 6: Electrical and Fire Safety

- Electrical safety standards LOTO, arc flash, grounding
- Hazardous area classification Zone 0, 1, 2
- Fire triangle and fire watch responsibilities
- Hot work permits and fire suppression systems

#### Day 7: Process Safety Management PSM for Oil & Gas

- OSHA PSM standard 29 CFR 1910.119
- Elements of a PSM program
- Mechanical integrity and MOC Management of Change
- Process hazard analysis PHA

#### Day 8: Rig Safety, Well Control, and Drilling Operations

- Hazards specific to rotary rigs, BOPs, and wellheads

- Blowout prevention and pressure control
- Safety in hoisting, rotating equipment, and mud systems
- Industry standards: API, IADC safety practices

#### Day 9: Material Handling, Cranes, and Lifting Safety

- OSHA standards for crane and hoist operations
- Rigging equipment inspection and use
- Manual handling and back injury prevention
- Dropped objects prevention

#### Day 10: Emergency Response Planning and Spill Control

- Emergency action plans EAPs and OSHA requirements
- Fire, explosion, and gas release response
- Spill response, containment, and reporting
- Coordination with local authorities and drills

#### Day 11: Incident Investigation, Root Cause Analysis, and Reporting

- OSHA recordkeeping Forms 300, 300A, 301
- Near-miss and injury investigation
- Root cause analysis tools: 5 Whys, Fishbone, TapRoot
- Developing corrective and preventive actions CAPA

#### Day 12: Final Workshop: Building a Site-Specific OSHA Compliance Plan

- Group project: Identify hazards and develop a compliance matrix
- Conduct mock OSHA inspection
- Build a safety audit and training checklist
- Final review, Q&A

## Registration form on the Training Course: OSHA Oil and Gas Sector

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Company Information

Company Name: .....  
Address: .....  
City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
- ☐ Please invoice me
- ☐ Please invoice my company

### Easy Ways To Register

Telephone:  
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E-mail to us :  
info@gh4t.com  
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