



*Training Course:
Oil & Gas Operational Safety*

*28 February - 4 March 2027
Cairo (Egypt)*

Training Course: Oil & Gas Operational Safety

Training Course code: EN6004 From: 28 February - 4 March 2027 Venue: Cairo (Egypt) - Training Course Fees: 4410 €

Introduction

Operational safety in the oil & gas industry is critical due to the high-risk nature of activities involving hazardous materials, high pressures, and complex processes. Effective safety management ensures protection of personnel, assets, and the environment while maintaining operational continuity.

This program, designed by Global Horizon Training Center, equips participants with the knowledge, tools, and best practices required to manage operational safety in oil and gas environments, ensuring compliance with international standards and fostering a strong safety culture.

Course Objectives

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

- Understand key safety principles in oil & gas operations
- Identify operational hazards and risk factors
- Apply risk assessment and mitigation techniques
- Implement safe work practices and procedures
- Ensure compliance with safety standards OSHA, ISO, API
- Manage emergency situations effectively
- Promote a strong safety culture
- Improve overall operational safety performance

Target Audience

This program is designed for:

- HSE and Safety Professionals
- Operations and Production Engineers
- Maintenance and Reliability Engineers
- Oil & Gas Supervisors and Managers
- Technical staff working in hazardous environments
- Compliance and Audit Personnel

Outline

Day 1: Fundamentals of Operational Safety

- Overview of oil & gas safety challenges
- Process safety vs. personal safety
- Hazard identification basics
- Safety regulations and standards
- Roles and responsibilities

Day 2: Risk Assessment and Hazard Control

- Risk assessment methodologies HAZOP, HAZID
- Job Safety Analysis JSA
- Risk mitigation strategies
- Permit-to-work systems
- Control of hazardous energy LOTO

Day 3: Safe Operations and Work Practices

- Confined space entry
- Working at heights
- Hot work safety
- Equipment and machinery safety
- Contractor safety management

Day 4: Emergency Response and Incident Management

- Emergency planning and response
- Fire and explosion prevention
- Spill control and environmental protection
- Incident reporting and investigation
- Crisis management

Day 5: Safety Culture and Continuous Improvement

- Building a safety culture
- Leadership in safety
- Behavioral safety approaches
- Performance monitoring and KPIs
- Case studies and real-world applications

Registration form on the Training Course: Oil & Gas Operational Safety

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

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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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