Global Horizon
TRAINING CENTER

Training Course:
Rig Inspection for Oil and Gas

17 - 21 January 2027
Istanbul (Turkey)
DoubleTree by Hilton Istanbul Esentepe

Training Course:
Rig Inspection for Oil and Gas

Training Course code: EN235000 From: 17 - 21 January 2027 Venue: Istanbul (Turkey) - DoubleTree by Hilton Istanbul Esentepe Training Course Fees: 6825 Euro

Introduction

Rig inspection is a critical activity in oil and gas operations, ensuring the safety, reliability, and compliance of drilling equipment and systems. Effective inspection practices help identify potential failures, reduce operational risks, and maintain adherence to industry standards.

This program, designed by Global Horizon Training Center, equips participants with the technical knowledge and practical skills required to conduct comprehensive inspections of drilling rigs, evaluate equipment condition, and ensure compliance with international standards.

Course Objectives

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

- Understand the fundamentals of rig inspection and its importance
- Identify key rig components and systems for inspection
- Apply inspection techniques and checklists for drilling equipment
- Interpret inspection findings and assess equipment condition
- Ensure compliance with industry standards API, ISO
- Identify potential risks and recommend corrective actions
- Prepare inspection reports and documentation
- Enhance safety and operational reliability

Target Audience

This program is designed for:

- Drilling Engineers and Rig Supervisors
- Inspection and Integrity Engineers
- Maintenance and Reliability Engineers
- HSE and Safety Professionals
- Oil & Gas Field Personnel
- Quality Assurance and Compliance Specialists

Outline

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Day 1: Fundamentals of Rig Inspection

- Overview of drilling rigs and systems
- Importance of inspection in oil & gas operations
- Types of inspections routine, periodic, special
- Inspection standards and guidelines API, ISO
- Inspection planning and preparation

Day 2: Inspection of Mechanical Systems

- Hoisting systems derrick, drawworks, drilling line
- Rotary systems top drive, rotary table
- Mud circulation systems
- Equipment condition assessment
- Identifying mechanical defects

Day 3: Inspection of Electrical and Control Systems

- Electrical systems and power distribution
- Control systems and instrumentation
- Safety systems and alarms
- Inspection techniques for electrical equipment
- Troubleshooting common issues

Day 4: Safety, Compliance, and Risk Assessment

- HSE requirements in rig inspection
- Hazard identification and risk assessment
- Compliance with regulatory standards
- Incident prevention and safety audits
- Documentation and reporting

Day 5: Advanced Inspection Practices and Case Studies

- Non-destructive testing NDT in rig inspection
- Inspection data analysis and reporting
- Maintenance recommendations and follow-up
- Continuous improvement in inspection processes
- Case studies and real-world applications

Registration form on the Training Course: Rig Inspection for Oil and Gas

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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: +201095004484 to provisionally reserve your place.	Fax your completed registration form to: +20233379764	E-mail to us : info@gh4t.com or training@gh4t.com	Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt.