

Training Title

**INSPECTION AND AUDITS FOR DRILLING RIGS**

Training Duration

5 days

Training Venue and Dates

REF DE008	Inspection And Audits for Drilling Rigs	5	01-05 July 2024	\$5,500	Dubai, UAE
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In any of the 5-star hotels. The exact venue will be informed later.

Training Fees

- \$5,500 per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Buffet Lunch

Training Certificate

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees.

**OBJECTIVES**

- Incorporate the Rig safety services plan into the drilling plan.
- Drill a well cost effectively and save time & safely manner by applying a Rig inspection as per API stander.
- Optimize the Rig drilling operations through safety precautions and periodical Auditing.
- The course is designed to give delegates a basic understanding of how to identify and improve the knowledge of Rig inspection operations.
- How to deal with Hot job utilizing the drilling Rig operations
- Achieve safely efficient operations and prevent lost time injuries, property damage & environmental accident.
- Proactively planning optimal provision and use of resources services to maximize drilling operations and optimize conducting of work programmers and Risk Assessment
- Solve the drilling Rig problems proactively with Appling Safety Rules & Inspection (Loss control , HSE , Risk assessment )

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**COURSE OUTLINE**

**Pre-test**

- Introduction to oil gas industry
- How oil wells are drilled safely
  - Rig location Safety services
  - Spud in Safety services
- Type of Rigs
- Rig equipment components

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- Auditing and inspection: -
  - Hoisting Equipment
  - Rotating Equipment
  - Mud and circulating system equipment
  - Power system equipment
  - Well control and below out equipment.
  - Pre spud inspection list
- 
- Inspection and Adducting; -
  - Drilling contractor equipment

**Inspection Requirements: -**

- Drilling String components
- Rig components
- Consumable Equipment
- Others

**Standard Adducting: -**

Introduction

Safety

Drilling equipment

Contractor's personal

Continuous Audit

**Format: -**

- Rig inspection check list form
  - Daily & periodical inspection and Audit.
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- Rig inspection & Safety precaution (Hot job); -
  - Perforation
  - Acidizing
  - Fracture formation
  - Well testing
  - Kick
  - Well logging (Radioactive)
  - Lifting and handling equipment
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- PPE
  - Waste disposal
  - Accommodation area

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- Evacuation procedure and well abandonment
  - Load and offload
  - H2s Hazard & PRECAUTION.
  - Burning pit and flare location
  - Emergences plan and procedure
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- Risk Assessment and Loss control in Rig operations.
  - HSE application in drilling Rig operations
  - Videos & Films CD-DVD
  - Case studies (Real case Rig inspection and Audit
  - Group exercise
  - General discussion
  - What is new in drilling Rig and HSE technology
  - Post - test

**WHO SHOULD ATTEND?**

Petroleum engineers, Completion Engineers, drilling and senior drilling supervisors, reservoir and senior reservoir engineers, geologists, production and completion engineers and supervisors Foreman.

**TRAINING METHODOLOGY**

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions, and motivate everybody find the right answers. The delegates will also be encouraged to raise their own questions and to share in the development of the right answers using their own analysis and experiences.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work & Practical Exercises
- 20% Videos & General Discussions

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**NOTE:**

**Pre & Post Tests will be conducted.**

**Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.**

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