Formation - Rig Inspection (Audit)

RIGINS-EN-P | Présentiel | 5 jours

To provide in-depth knowledge in the rig selection, inspection (audit) and acceptance

Niveau
Expertise

Public
Drillers, Tool pushers, supervisors, drilling engineers and rig managers involved in rig selection, inspection & acceptance

Objectifs
Attendees will be able to implement the following skills:
Attendees will be able to implement the following skills:
- Early detection of equipment or system issues or specification discrepancies to prevent project delays and start-up problems,
- Identification and resolution of equipment risks and certification issues.
- Prevention of costly corrective actions and downtime due to equipment failures.

Pédagogie & ressources techniques
- Some equipment and cutaway tools are available at IFP.
- Summary notes prepared and presented by participants.
- Use of full-size simulator
- Case studies according to international standards

Évaluation des acquis
- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prérequis
Engineering or operational exposure

Responsable
IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Programme

INTRODUCTION TO RIG SYSTEMS & SPECIFCATIONS — 1.25 days

Rig types & categories.
Main rig function, systems & requirements:
- Power, hoisting, rotation, fluids & circulation systems.

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- Solid control equipment.
- BOPs & well-controlled equipment.
- Rig instrumentation.

Rig sizing & capacities.

RIG INSPECTION CONCEPTS — 0.75 day

Rig inspection concepts & basics:

- Standards for rig inspection.
- Guidelines for rig inspection & acceptance tests.
- Criteria for rig inspection.

RIG INSPECTION & ACCEPTANCE CRITERIA — 2.75 days

Drilling Equipment: hoisting, drill floor & pipe handling equipment.
Mud system: pumps, mixing equipment & solid control equipment.
Well Control Equipment: rams preventers, annular preventer, diverter, choke & kill lines & manifolds and BOPs control unit (accumulators).
Drill String: failures, inspection methods – NDT, dimensional inspection, visual inspection, magnetic particles, electromagnetic inspection & ultra sonic inspection.
Power System (diesel / electric): Diesel Engines, Main Generators, SCR System, AC/DC Motors.
Lighting Systems, Safety and Environment Inspection, Fire Fighting Equipment, Gas Detection Equipment.
Lifting and Load Handling Equipment.
House keeping.
First Aid.
Storage Capacity.
Accommodation & Living Facilities.
Rig Management System.
Rig Inventory.

KNOWLEDGE ASSESSMENT — 0.25 day

Sessions

Pau - Du 07/12/2026 au 11/12/2026 — **4320 €/HT**

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Pour vérifier l'accessibilité de cette formation à une personne en situation de handicap, contactez notre référent à l'adresse suivante : referent.handicap@ifptraining.com

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