Course: Drilling Rigs- (code: TR-ENG-DRIL-003)

Course Overview:
This course provides a comprehensive introduction to drilling rigs, covering various types and classifications based on application. Participants gain insights into the key components and functions of drilling rigs, including drilling systems such as power, hoisting, circulating, rotary, and well control systems. Automation and control systems, along with safety protocols and emergency response systems, are also explored. The day concludes with discussions on maintenance procedures, troubleshooting common issues, and ensuring rig safety

Course Outcome:
Upon completion the course you will gain knowledge about type of drilling rigs used for drilling, completions and workover activities, systems of drilling rigs.

Course Highlight:
Combination of theoretical knowledge with practical exercises will help students better understand the subject.

COURSE CONTENT

Day 1:

➢ **Introduction of Drilling Rigs**

- Overview of different types of drilling rigs

- Classification of rigs based on application (land, offshore, mobile)

- Key components and functions of a drilling rig

➢ **Drilling Systems Overview**

- Power system

- Hoisting system

- Circulating system

- Rotary system

- Well control system

➢ **Automation and Control Systems**

- Rig automation technologies

- Drilling control systems

- Real-time monitoring and data acquisition

➢ **Safety Systems on Drilling Rigs**

- Safety protocols and procedures

- Emergency response systems

> ➤ **Maintenance and Troubleshooting**
>
> - Routine maintenance procedures, common rig and system issues

WHO SHOULD ATTEND

Drilling Engineer

Drilling Supervisor

Completions Engineer

Workover/ Intervention Engineer

Completions Supervisor

Subsurface Engineer (Petroleum, Reservoir, Geologist)

Material Coordinators

Contract managers

Students with major in Petroleum Engineering

DURATION

> ➤ Course will take 1 day (~6 hours)
>
> ➤ Upon Requirement the course can be made in two days (3hrs each day)

TRAINING STRUCTURE

> ➤ **Online:** Digital application will be used to deliver the training
>
> ➤ **Classroom**: Physical Classroom training will be held in the properly equipped classroom.
>
> ➤ **In-house:** Training can be performed at the client facility upon request.

COST

> ➤ **Online Training:** Cost per student: see latest price in our webpage
>
> ➤ **Classroom Training:** Cost per student: please contact us for price clarifications
>
> ➤ **In-house Training:** to be agreed between parties.

***Corporate cost will be discussed based on number of students.*

PAYMENT METHOD

- ➢ **Bank Transfer:**

  - please contact us for bank details

- ➢ **Online Payment**

  - Use book now button to book the training.

CANCELLATION AND REFUND

We understand that unforeseen circumstances may arise, and plans can change. Here is our cancellation and refund policy for your reference:

- ➢ **Cancellation:**

  - Cancellation requests made 14 days or more before the training start date will be processed free of charge.

  - Cancellation requests made within 14 days of the training start date will incur a 50% refund.

- ➢ **No Refund:**

  - No refund will be provided for cancellations made 1 day before the training start date.

- ➢ **Rescheduling:**

  - Students have the option to reschedule the training up to 3 days before the training start date without incurring any additional charges.

  - In the case of emergencies, the company reserves the right to approve rescheduling for free.

  We value your commitment to professional development and strive to accommodate changes whenever possible. Please contact our support team at [training@nexusofs.com] for assistance or to submit your rescheduling request. Thank you for your understanding.

FAQ

- ➢ **Certification:**

  Certificates will be granted at the end of the training:

- ➢ **Materials:**

  Materials will be provided in digital format (paper free)

- ➢ **Maximum Students per class:**

The number of students per class will be limited to 10 (for classroom option) in order to make the training more effective.

➢ **Breaks and Lunch:**

Breaks and lunch will be agreed with the class.

➢ **What to bring:**

Papers and pens will be provided by the training provider (for classroom option)

➢ **Training Start Time:**

Students are asked to attend the venue 30mins before the start time for registration.

For any additional details please to contact us.