

## Course: Wellbore Clean Out Philosophy (code: TR-ENG-COMPL-002)

### *Course Overview:*

This training is suitable for engineers, supervisors and students with no or minimum experience.

The course will give understanding of how to select Clean out tools and design bottom hole assembly; what needs to be considered to select right fluid; importance of clean up of surface equipment. The course will also describe industry best practices.

### *Course Outcome:*

Upon completion of the course, you will obtain an understanding of the philosophy of Clean Out Operation, Downhole/ surface equipment, type of chemicals and best practices.

### *Course Highlight:*

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

## COURSE CONTENT

### Day 1:

#### ➤ Wellbore Clean Out (WBCO) Objectives

- Importance of WBCO Operation
- Mechanical Clean Out
- Chemical Clean Out
- WBCO Success Criteria

#### ➤ Downhole Equipment

- Mechanical Cleaning Tools
- Debris Catchers/ Validation Tools
- Circulation & Jetting Tools

#### ➤ Surface Equipment

- Filtration unit

#### ➤ Fluid properties for efficient clean out.

- Fluid properties
- Pumping plan

#### ➤ Review of Clean Out Operations for different scenarios.

- Review of current software packages used in different companies.
- Limitation and advantages.

#### ➤ Industry Experience

- Lessons Learned and Best Practices (rig surface equipment, operational parameters)



## WHO SHOULD ATTEND

Completions Engineer

Drilling Engineer

Fluids Engineer

Workover/ Intervention Engineer

Completions Supervisor

Drilling Supervisor

Students who are interested to join Wells Team.

## 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.