

TRAINING COURSE

Drilling For Non-Driller



What is this Course About?

This training course is designed to provide participants with a good understanding on the terminology and conditions of drill site and to provide participants with basic fundamental knowledge of drilling experience and a comprehensive overview and complete understanding of the processes involved in the drilling of oil & gas wells.

It is important for all members of your team to have a good understanding of the industry and this course is highly recommended as it is designed to equip non-operational staff with the necessary knowledge that addresses the basic concepts of drilling a well, the general overview of well construction and how it fits into the exploration and production process and its interaction with other domains. Participants will also learn what information is required to drill a well including the risk and safety aspects involving drilling a well.

Who Should Attend?

Petroleum engineering faculty staff, sales team members, accounting divisions, procurement officers, buyers, as well as any support staff who work closely with or require an understanding of the drilling industry.

Method of delivery

- Theory
- Case Study
- Hands on activities - Land Rig
- Pre & post assessment

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Venue : Batu Rakit, Kuala Terengganu
Code : C/SCR-DND
Duration : 3 Days

Course Outline

- 1) Topic : Introduction to Oil & Gas Industry
- 2) Topic : Introduction To Drilling – Basic Rig Types
- 3) Topic : Introduction To Drilling – Rig Systems
- 4) Topic : Introduction To Drilling – Drilling Crews
- 5) Topic : Dos' and Don'ts On The Rig
- 6) Topic : Rig Systems – Hoisting System
- 7) Topic : Rig Systems – Rotating System
- 8) Topic : Rig Systems – Circulating System
- 9) Topic : Drill Pipe Handling Tools
- 10) Topic : Handling Tools Best Practices
- 11) Topic : Drilling String Components
- 12) Topic : Casing & Cementing
- 13) Topic : Well Intervention
- 14) Topic : Chipping/Cleaning & Painting

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Training Schedule

Day 01

08.30am – 08.45am	: HSE & Safety Briefing
08.45am – 09.00am	: Ice-Breaking, Introduction to Velesto-INSTEP Drilling Academy
09.00am – 09.15am	: Pre-Assessment
09.15am – 09.30am	: Introduction to Oil & Gas Industry
09.30am – 10.00am	: Introduction to Drilling – Basic Rig types
10.00am – 11.00am	: Introduction to Drilling – Rig Systems
11.00am – 11.15am	: Tea-Break
11.15am – 11.30pm	: Introduction to Drilling – Drilling Crews
11.30am – 11.45am	: Dos' & Don'ts on the Rig
11.45am – 01.00pm	: Drill String Components
01.00pm – 02.30pm	: Lunch Break & Prayer
02.30pm – 03.45pm	: Casing & Cementing
03.45pm – 04.00pm	: Tea-Break
04.00pm – 05.00pm	: Well Intervention

END

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Training Schedule

Day 02

08.30am – 08.45am	: HSE Briefing
08.45am – 09.15am	: Workshop 01 : Land Rig Evacuation Plan & Emergency Control
09.15am – 10.45am	: Workshop 02 : Explore Rig Equipment at Cellar Floor
10.45am – 11.00am	: Tea-Break
11.00am – 11.30am	: Rig Systems - Hoisting System
11.30am – 12.00pm	: Rig Systems – Rotating System
12.00pm – 12.30pm	: Rig System – Circulating System
12.30pm – 02.30pm	: Lunch Break & Prayer
02.30pm – 03.30pm	: Fire Extinguisher & Fire Hose
03.30pm – 03.45pm	: Tea-Break
03.45pm – 04.45pm	: Workshop 03 : Explore Rig Equipment at Rig Floor
04.45pm – 05.00pm	: Q&A

END

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Day 03

08.30am – 08.45am	: HSE Briefing
08.45am – 09.30am	: Workshop 04 : Identify and Briefing of Handling Tools by Driller
09.30am – 10.00am	: Handling Tools Best Practices
10.00am – 10.15am	: Tea-Break
10.15am – 12.30pm	: Workshop 05 : Drilling Operation : (1) Make Up Drill Pipe : (2) Operation of Mud Pump & Mud Tank During Drilling Activity
12.30pm – 02.30pm	: Lunch Break & Prayer
02.30pm – 03.00pm	: Draw & Sketch of Drilling Operations
03.00pm – 03.30pm	: Post-Assessment
03.30pm – 03.45pm	: Tea-Break
03.45pm – 04.15pm	: Q/A Session & Fill-up Feedback Form
04.15pm – 04.30pm	: Photo Session & Closing

END