

# TRAINING COURSE

## Drilling For Non-Driller with Land Rig Practical



### Course Overview

This 3-day "Drilling for Non-Driller" course introduces participants to the fundamentals of drilling operations and terminology, emphasizing practical rig activities and well site processes. Designed for non-drilling professionals (e.g., finance, HR, supply chain, and project management staff), this program provides an understanding of how drilling operations function, focusing on safety, equipment, and rig site dynamics.

### Course Objectives

By the end of the course, participants will:

- Understand the basics of drilling operations, equipment, and well construction.
- Recognize the purpose and functions of key rig components and drilling equipment.
- Develop a foundational understanding of well control and safety procedures.
- Participate in practical rig site activities, including pipe handling and rig floor operations.
- Gain insights into the drilling process to support roles in the oil and gas industry.

### Targeted Audiences

- **Non-technical Staff in Oil and Gas Companies:** HR, finance, legal, and other support departments.
- **Service Company Professionals:** Individuals who interface with drilling teams but do not have a technical drilling background.
- **New Employees:** Recent hires or those transitioning into oil and gas roles who need a fundamental understanding of drilling.

### Delivery Method



Classroom  
Workshop



Practical  
Hands-On



Interactive  
Discussions



# TRAINING COURSE

**VELESTO**  
energy  
Drilling Academy

## Drilling For Non-Driller with Land Rig Practical



**Venue** : Batu Rakit, Kuala Terengganu  
**Mode** : Physical Workshop  
**Duration** : 3 Days

### Course Outline

- 1) Topic : Introduction to Oil & Gas Industry
- 2) Topic : Geology
- 3) Topic : Drilling – Rig Types
- 4) Topic : Drilling – Rig Systems
- 5) Topic : Drilling – Rig Crews
- 6) Topic : Dos' and Don'ts On The Rig
- 7) Topic : Rig Systems – Rotating, Hoisting, Circulating, Power, Well Control
- 8) Topic : Drill Pipe Handling Tools
- 9) Topic : Drilling String Components
- 10) Topic : Casing & Cementing
- 11) Topic : Well Intervention





# TRAINING COURSE

**VELESTO**  
energy  
Drilling Academy

## Drilling For Non-Driller with Land Rig Practical



**Venue** : Batu Rakit, Kuala Terengganu  
**Mode** : Physical Workshop  
**Duration** : 3 Days

### Training Schedule

#### Day 01

---

08.30am – 09.00am	: HSE & Safety Briefing : Introduction of Velesto Drilling Academy
09.00am – 09.20am	: <b>Workshop 01 : Land Rig Evacuation Plan &amp; Emergency Control</b>
09.20am – 09.40am	: Pre-Assessment
09.40am – 09.50am	: Introduction by Trainer & Participants
09.50am – 10.15am	: Introduction to Oil & Gas Industry
10.15am – 10.30am	: <b>Tea-Break</b>
10.30am – 12.30pm	: Cont. – Introduction to Oil & Gas Industry : Geology
12.30pm – 02.30pm	: <b>Lunch</b>
02.30pm – 03.30pm	: Drilling – Basic Rig Types
03.30pm – 03.45pm	: <b>Tea-Break</b>
03.45pm – 05.00pm	: Drilling – Rig Systems : Drilling – Drilling Crews : Dos' & Don'ts' on the rig

END



# TRAINING COURSE

**VELESTO**  
energy  
Drilling Academy

## Drilling For Non-Driller with Land Rig Practical



**Venue** : Batu Rakit, Kuala Terengganu  
**Mode** : Physical Workshop  
**Duration** : 3 Days

### Training Schedule

#### Day 02

08.30am – 08.45am	: HSE Briefing
08.45am – 10.30am	: <b>Workshop 02 : Explore Rig Equipment at Cellar Floor</b> : Exercise Revision
10.30am – 10.45am	: <b>Tea-Break</b>
10.45am – 12.30pm	: Rig Systems – Hoisting, Rotating : Rig Systems – Circulating, Well Control, Power
12.30pm – 02.30pm	: <b>Lunch</b>
02.30pm – 03.30pm	: Drill Pipe Handling Tools
03.30pm – 03.45pm	: <b>Tea-Break</b>
03.45pm – 04.45pm	: <b>Workshop 03 : Explore Rig Equipment at Rig Floor</b>
04.45pm – 05.00pm	: Q&A Session

END



# TRAINING COURSE

**VELESTO**  
energy  
Drilling Academy

## Drilling For Non-Driller with Land Rig Practical



**Venue** : Batu Rakit, Kuala Terengganu  
**Mode** : Physical Workshop  
**Duration** : 3 Days

### Training Schedule

#### Day 03

08.30am – 08.45am	: HSE Briefing
08.45am – 09.30am	: <b>Workshop 04 : Identify &amp; Briefing of Handing Tools by Driller</b>
09.30am – 10.00am	: Exercise Revision
10.00am – 10.15am	: <b>Tea-Break</b>
10.15am – 11.30am	: Drill String Components : Casing & Cementing
11.30am – 12.30pm	: <b>Workshop 05 : Drilling Operation</b> : Make up Drill Pipe : Operation of Mud Pump & Mud Tank during Drilling Activity
12.30pm – 02.30pm	: <b>Lunch</b>
02.30pm – 03.30pm	: Well Intervention
03.30pm – 04.00pm	: Post-Assessment
04.00pm – 04.15pm	: <b>Tea-Break</b>
04.15pm – 04.45pm	: Q&A Session & Fill-up Feedback Form
04.45pm – 05.00pm	: Photo Session & Closing

END