



Description:



The IWCF Level 4 Well Control course equips candidates with advanced knowledge of well control principles, practices, and equipment, ensuring they can safely manage well control in both surface and subsea installations. The course emphasizes critical policies and specific procedures, with over 1410 minutes of engaging video lectures.

Combining theoretical instruction with practical discussion exercises, this course is designed to meet the unique needs of each participant, helping them achieve their full potential.

Some of the many benefits of this course:

- Emphasis on problem-solving and 'Best Practice'.
- Enhancement of Wellbore Pressure understanding and Well Control Equipment functionality.





:7 Days



: Well Control & **Technical Training**



: Oil & Gas



: 365 Days.



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Learning Objective:

Day 1:

- Hydrostatic Pressure Concept
- Bottom Hole Pressure (BHP)
- Tripping Practices
- **Formation Pressure**
- Circulating Pressure
- Barrier Concept
- Day 1 Final Assessment

Day 2:

- Leak Off Test (LOT & FIT)
- Kick Warning Sign & Kick Positive Sign
- Top Hole Drilling
- Shut-In Procedure
- **Loss Control Procedure**
- Rig Calculation
- Day 2 Final Assessment

Day 3:

- SCR Concept
- Shut-In Pressure Interpretation
- Gas Migration and Control Procedure
- WBM & OBM
- Hydrate
- Day 3 Final Assessment

Day 4:

- Well Killing Methods
- Comparison Between Driller's Method and Wait & Weight Method
- Well Killing Problems
- BHP During Well Killing
- Well Control Calculation
- Day 4 Final Assessment





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Day 5:

- BOP Configuration
- RAM Blowout Preventer
- Annular Blowout Preventer & Diverter
- Associated Well Control Equipments
- BOP Testing
- Day 5 Final Assessment

Day 6:

- Mud Gas Separator & Degasser
- Accumulator System
- Day 6 Final Assessment

Kill Sheet Learning module Introduction [English]

- Learn How to Calculate Drill pipe Length and Open Hole Length [English]
- Kill Sheet 1 (Well TVD, Shoe TVD & Formation Fracture Grd.)
- Kill Sheet 2 (Well TVD/MD, Shoe TVD & Formation Fracture Grd.)
- Kill Sheet 3 (Well TVD, Shoe TVD & Formation Fracture Grd.)
- Kill Sheet 4 (Well TVD/MD, Shoe TVD & Formation Fracture Grd.)
- Kill Sheet 5 (Well TVD, Shoe TVD & Formation) Fracture Grd.)
- Kill Sheet 6 (Well TVD/MD, Shoe TVD & Formation Fracture Grd.)
- Kill Sheet 7 (Well TVD, Shoe TVD & Formation Fracture Grd.)
- Kill Sheet Mock Test

Pre Sloved kill Sheet and Gauge Problem





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Introduction of Gauge Problems

Gauge Problem: 1

• Gauge Problem: 2

• Gauge Problem: 3

• Gauge Problem: 4

Assessment:

Candidates must achieve 75 % in the assessments.

System Requirements:

- Internet access users will need a device with a web browser and internet connection
- System runs on computers, tablets and mobile devices using Windows 7 and above and MAC OS devices running IOS 11 and above
- Browsers Edge, Chrome, Firefox and Safari
- Minimum browser size none
- Audio requires device speaker or headphones

Accredetations:

• Preparation Course







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