

# WELL CONTROL & TECHNICAL TRAINING

## IWCF Surface Combine Subsea Well Control



### Description :

 4.9/5

The IWCF Surface Combine Subsea Well Control Course is a comprehensive training program designed for drilling personnel seeking to enhance their expertise in well control principles and procedures. This seven-day course covers critical topics essential for safe and efficient drilling operations, beginning with fundamental concepts such as Hydrostatic Pressure, Bottom Hole Pressure (BHP), and the Barrier Concept, and progressing through advanced subjects including Well Killing Methods and BOP Configuration. Participants will gain hands-on experience with practical assessments and mock-tests to reinforce their learning.

The curriculum includes vital components of Subsea Well Control, focusing on Riser Margin, Trapped Gas management, and well control calculations. Students will explore the operation of essential equipment, including the Mud Gas Separator, Accumulator Systems, and Blowout Preventers. Through interactive learning modules and final assessments each day, learners will develop a thorough understanding of the procedures involved in well control, ensuring they are well-prepared for real-world challenges. By the end of the course, participants will be equipped with the knowledge and skills necessary to implement effective well control strategies, making them valuable assets to their drilling teams and enhancing safety on the rig.

 : 7 Days : Well Control & Technical Training : Oil & Gas : 365 Days. [www.e-RIGWORLD.com](http://www.e-RIGWORLD.com) [info@erigworld.com](mailto:info@erigworld.com) India : +91 9998979544

# Learning Objective :

## Day 1:

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



: 7 Days



: Well Control & Technical Training



: Oil & Gas



: 365 Days.

## 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

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

**Day 7:**

- Mock Test

**Subsea Well Control Principles and procedures**

- Riser margin
- Trapped Gas
- Well Killing Procedure

**Subsea Well Control Equipment**

- Riser and Riser Fill Up Valve
- Accumulator
- Emergency Disconnect System (EDS)

**Subsea Kill Sheet Module**

- Introduction
- Learn to Calculate Drill pipe Length, Casing Length and Open Hole Length
- Sub Sea Kill Sheet 1
- Sub Sea Kill Sheet 2
- Sub Sea Kill Sheet 3
- Sub Sea Kill Sheet 4
- Subsea Kill Sheet Mock test

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## 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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