



*Training Course:
IWCF Well Control L4*

*27 June - 1 July 2027
Cairo (Egypt)*

Training Course: IWCF Well Control L4

Training Course code: EN235146 From: 27 June - 1 July 2027 Venue: Cairo (Egypt) - Training Course Fees: 4410 € Euro

Introduction

Well control is a critical discipline in drilling operations, requiring advanced knowledge and decision-making to prevent and manage well control incidents. The [IWCF Well Control Level 4 L4](#) certification is designed for experienced professionals responsible for supervising and managing well control situations in complex drilling environments.

This program, designed by Global Horizon Training Center, prepares participants for the IWCF Level 4 certification by enhancing their technical competence in well control principles, pressure management, and emergency response in line with international standards.

Course Objectives

By the end of this program, participants will be able to:

- Understand advanced well control principles and pressure dynamics
- Identify causes of kicks and well control incidents
- Apply well control methods to manage and kill wells safely
- Interpret well control data and monitor drilling parameters
- Operate and evaluate Blowout Preventer BOP systems
- Perform calculations related to well control operations
- Respond effectively to well control emergencies
- Prepare for the IWCF Level 4 certification exam

Target Audience

This program is designed for:

- Drilling Supervisors and Toolpushers
- Drilling Engineers and Wellsite Engineers
- Rig Managers and Senior Drilling Personnel
- Well Control Specialists
- Oil & Gas Professionals preparing for IWCF Level 4 certification

Outline

Day 1: Advanced Well Control Principles

- Review of basic well control concepts
- Pressure regimes and formation pressures
- Kick detection and monitoring techniques
- Well barriers and integrity principles
- Overview of IWCF Level 4 requirements

Day 2: Well Control Equipment and Systems

- Blowout Preventer BOP components and operation
- Choke manifold and kill line systems
- Surface and subsea well control equipment
- Equipment testing and maintenance
- Safety and compliance standards

Day 3: Well Control Methods and Calculations

- Driller's method and wait-and-weight method
- Kill sheet preparation and calculations
- Circulation techniques and pressure control
- Managing gas migration and influx behavior
- Case scenarios and problem-solving exercises

Day 4: Complex Well Control Situations

- Handling HPHT wells and deepwater operations
- Well control in deviated and horizontal wells
- Lost circulation and well control challenges
- Emergency response planning and execution
- Incident analysis and lessons learned

Day 5: Exam Preparation and Practical Scenarios

- Review of key concepts and calculations
- IWCF exam structure and question types
- Practical well control simulations
- Troubleshooting scenarios
- Final assessment and exam readiness

Registration form on the Training Course: IWCF Well Control L4

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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