

IWCF Drilling Well Control Level 3/4  
(Surface BOP Stack)

Course Overview

This course consists of 5 days theoretical classroom session including practical and written assessment. The written assessment comprise of Equipment and Principles & Procedures for Drillers and Drilling Supervisors, based on the IWCF Certification Standards. The Certification Standards are based on a detailed analysis of the well control knowledge that Drillers and Supervisors require, and the practical tasks that delegates have to master in order to perform their jobs responsibly.

Targeted Audiences

Fundamental Level

Well-site personnel involved in well drilling operations.

Supervisory Level

Well-site or office-based supervisory personnel involved in well drilling operations.

Method of Delivery

Training Methodology	No of days	Venue
Theoretical Classroom including Practical & Written Assessment	5 days	Velesto Drilling Academy, KL

*\* On completion of IWCF Assessment, successful candidates will receive an IWCF completion certificate (eCert) by email*



# PROFESSIONAL CERTIFICATION

## IWCF Drilling Well Control Level 3/4 (Surface BOP Stack)

**Delivery Mode** : Physical Classroom  
**Venue** : Velesto Drilling Academy, Plaza Sentral  
**Duration** : 5 Days

### Training Schedule

#### Day 01

08.00am – 08.30am	: <b>Breakfast</b>
	: Registration
08.30am – 09.00am	: Safety Briefing & Introduction
	: Ground Roles, Ice Breaking
09.00am – 10.00am	: Pre-Course Comprehension
10.00am – 11.00am	: Course objective & How We Can Achieve It
11.00am – 12.00pm	: Introduction & Definitions (01,02 & 05)
12.00pm – 01.00pm	: Kick Causes (06)
01.00pm – 02.00pm	: <b>LUNCH</b>
02.00pm – 03.00pm	: Kick Detection (05 & 07)
03.00pm – 03.30pm	: Fracture Pressure (08)
03.30pm – 04.00pm	: <b>Tea-Break</b>
04.00pm – 05.30pm	: Exercise 01
	END

### Training Schedule

#### Day 02

08.00am – 08.30am	: <b>Breakfast</b>
08.30am – 10.00am	: Revision (01, 02, 05, 06, 07 & 08)
10.00am – 11.30am	: Data To Be collected (11)
	: Pre-recorded Data (11)
11.30am – 12.30pm	: Shut-In Procedures (10)
12.30pm – 01.30pm	: <b>LUNCH</b>
01.30pm – 02.30pm	: Data To Be Collected (10)
	: Shut-In Data (10)
02.30pm – 03.00pm	: Gas Behavior (09)
03.00pm – 04.00pm	: Constant Bottom Hole Pressure Methods (11)
	: Driller Method & Wait & Weight Method (11, 12 & 13)
04.00pm – 04.30pm	: <b>Tea-Break</b>
04.30pm – 05.30pm	: Kill Problems & Bad Practices (04 & 14)
	END



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#### Day 03

08.00am – 08.30am	: Breakfast
08.30am – 10.30am	: Simulation Exercise 01
10.30am – 11.30am	: Well Control Related Instruments (13, 15, 18 & 19)
11.30am – 12.15pm	: BOP Stack Components (03, 15, 18 & 19)
	: Surface Well Control
12.15pm – 01.15pm	: LUNCH
01.15pm – 01.45pm	: continue : BOP Stack Components (03, 15, 18 & 19)
01.45pm – 02.15pm	: Safety Valves (16)
02.15pm – 02.45pm	: Choke & Choke Manifold (17)
02.45pm – 03.00pm	: Tea-Break
03.00pm – 05.30pm	: Exercise 02
	: Post-Test Course Comprehension
	END

### Training Schedule

#### Day 04

08.00am – 08.30am	: Breakfast
08.30am – 09.30am	: Simulator Exam 01
09.30am – 11.30pm	: BOP Control System (21)
11.30pm – 12.00pm	: BOP Testing (20)
12.00pm – 01.00pm	: LUNCH
01.00pm – 03.00pm	: Simulator Exam 01
03.00pm – 03.15pm	: Tea-Break
03.15pm – 05.30pm	: Simulator Exam 01
	END

### Training Schedule

#### Day 05

08.00am – 09.00am	: Breakfast
09.00am – 10.10am	: Assessment (Equipment)
10.10am – 10.30am	: Break
10.30am – 12.15pm	: Assessment (Principles & Procedures)
12.15pm – 01.30pm	: LUNCH
	: Results Announcement
	END