

# PROFESSIONAL CERTIFICATION

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

### Course Overview

This course consists of 5 days theoretical classroom session including practical and final assessment. The final assessment comprises 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
<b>Theoretical Classroom including Practical &amp; Final Assessment</b>	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 (Combined Surface & Subsea BOP Stack)

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

### Training Schedule

#### Day 01

<b>08.00am – 08.30am</b>	<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)
<b>01.00pm – 02.00pm</b>	<b>: LUNCH</b>
02.00pm – 03.00pm	: Kick Detection (05 & 07)
03.00pm – 03.30pm	: Fracture Pressure (08)
<b>03.30pm – 04.00pm</b>	<b>: Tea-Break</b>
04.00pm – 05.30pm	: Exercise 01
	END

### Training Schedule

#### Day 02

<b>08.00am – 08.30am</b>	<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)
<b>12.30pm – 01.30pm</b>	<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)
<b>04.00pm – 04.30pm</b>	<b>: Tea-Break</b>
04.30pm – 05.30pm	: Kill Problems & Bad Practices (04 & 14)
	END

# PROFESSIONAL CERTIFICATION

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

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

### Training Schedule

#### 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 : Subsea Well Control  
**03.00pm – 03.15pm** : **Tea-Break**  
03.15pm – 05.30pm : Subsea BOP Components  
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