



# IADC WellSharp Drilling

SUPERVISOR LEVEL



# IADC WELLSHARP DRILLING OPERATION SUPERVISOR COURSE



## **DESCRIPTION**

The Supervisor course addresses more advanced well control topics such as well kill operations and well control risk management.

## **PURPOSE**

To submit the understanding of well control techniques for surface or subsea BOP installations at Supervisor level according to International Association of Drilling Contractors (IADC) WellSharp standards.

## **CONTENT**

The course covers the following topics:

- Well control awareness
- Well control concepts
- Mud and pit management
- Pre-recorded data
- Kick prevention, Casing, and cementing operation
- Barriers
- Shallow gas, Water flows, Tophole drilling
- Abnormal warning signs
- Kick detection
- Well control drills

- Shut-in procedures
- Post shut-in monitoring
- Risk Management
- Well control methods
- Surface well control equipment
- Subsea well control equipment
- Simulator and Written test

## **OBJECTIVES**

- Understand and apply the principles and procedures used in well control operations with Surface or Subsea BOP Stacks.
- Use the equipment for well control operations with Surface or Subsea BOP Stack.
- Increase well control understanding by use of the simulators.
- Show that well control situation can be mastered by use of simulators according to IADC WellSharp standards.
- Obtain sufficient knowledge about the course content to pass the Simulator test and Final exam with minimum 70% score on each.

## **ADMISSION REQUIREMENTS**

Office-based Rig, Rig Superintendent, Toolpusher, Drilling Engineer, Drilling Supervisor or higher positions.

## **DURATION**

5 days

## **PARTICIPANTS**

Maximum 9px/class



# COURSE DETAILS – IADC WELLSHARP DRILLING SUPERVISOR COURSE



## **SUPERVISOR COURSE**

### **PREREQUISITE**

The Trainee must provide evidence of previously taking and passing an industry-recognized (e.g., WellSharp, WellCAP, IWCF, or Enform certificate) Driller or higher level well control course.

### **ASSESSMENT PROCESS**

To pass the assessment and obtain a certificate, participants must achieve a minimum score of 70% in each section of the examination (Knowledge & Simulator Assessment).

### **Knowledge Assessment (in English Version)**

- All questions are stored in a central database owned and maintained by IADC.
- The tests are randomly computer-generated with each question's answers randomly shuffled.
- Tests are to be given online via computer.

### **Simulator (Skills) Assessment**

The participants must:

- Line Up Equipment
- Check/Set Pressures
- Pits and Valves
- Kill Mud Weight
- Communicating Kill Plan
- Start-Up
- Maintain BHP
- Handle Gas at Choke
- Handle Kill Problem
- Shut Down Kill Operation

### **REASSESSMENT POLICY**

- Score <50% : The trainee must repeat the full WellSharp training.
- Score 50%-69% : 1 (one) reassessment will be available.
- Reassessment may be reassessed on the same day or within 45 days of the original assessment date.



# IADC WellSharp Drilling

DRILLER LEVEL



# IADC WELLSHARP DRILLING OPERATION DRILLER COURSE



## **DESCRIPTION**

The Driller course is designed for personnel who are engaged in drilling operations that have responsibility for detecting a kick and shutting in the well.

## **PURPOSE**

To submit the understanding of well control techniques for surface or subsea BOP installations at Driller level according to International Association of Drilling Contractors (IADC) WellSharp standards.

## **CONTENT**

The course covers the following topics:

- Well control awareness
- Well control concepts
- Mud and pit management
- Pre-recorded data
- Causes of Kicks
- Barriers

- Shallow gas, Water flows, Tophole drilling
- Abnormal pressure warning signs
- Well control drill
- Kick detection
- Shut-in procedures
- Post shut-in monitoring
- Casing & cementing considerations
- Risk Management
- Well control methods
- Surface well control equipment
- Subsea well control equipment
- Simulator and Written test

## **OBJECTIVES**

- Understand and apply the principles and procedures used in well control operations with Surface or Subsea BOP Stacks.
- Use the equipment for well control operations with Surface or Subsea BOP Stack.
- Increase well control understanding by use of the simulators.

- Show that kick detection and initial reaction can be mastered by use of simulators.
- Obtain sufficient knowledge about the course content to pass the Simulator test and Final exam with minimum 70% score on each.

## **ADMISSION REQUIREMENTS**

Assistant Driller, Driller, Floor men, Derrick men

## **DURATION**

5 days

## **PARTICIPANTS**

Maximum 9px/class



# COURSE DETAILS – IADC WELLSHARP DRILLING DRILLER COURSE



## DRILLER COURSE PREREQUISITE

Provide evidence of previously taking and passing the IADC or other industry-recognized (e.g., WellSharp, WellCAP, IWCF, or Enform certificate) Introductory or higher level well control course.

## ASSESSMENT PROCESS

To pass the assessment and obtain a certificate, participants must achieve a minimum score of 70% in each section of the examination (Knowledge & Simulator Assessment).

## Knowledge Assessment (in English Version)

- All questions are stored in a central database owned and maintained by IADC.
- The tests are randomly computer-generated with each question's answers randomly shuffled.
- Tests are to be given online via computer.

## Simulator (Skills) Assessment

The participants must:

- Line Up Equipment
- Check/Set Pressures
- Set alarms
- Drill ahead
- Record data
- Detect drilling break
- Recognize the influx
- Flow check
- BOP closing problem
- Choke/valve leak
- Pump leak



## REASSESSMENT POLICY

- Score <50% : The trainee must repeat the full WellSharp training.
- Score 50%-69% : 1 (one) reassessment will be available.
- Reassessment may be reassessed on the same day or within 45 days of the original assessment date.





# TERMS AND CONDITIONS



# COURSE SCHEDULE, FEE, PAYMENT TERMS IADC WELLSHARP DRILLING-SUPERVISOR LEVEL



LEVEL	SCHEDULE 2017	VENUE
Driller	See our website	PT. Trikona Prima Graha Chantia 1 <sup>st</sup> floor Jl. Bangka Raya No. 6 Kemang, Jakarta Selatan 12720
Supervisor		

## TERM OF REGISTRATION

- Last registration is 3 working days before the first day of training
- Fill in Registration Form

## FEE

- **Driller/Supervisor level:** USD 1,350/participant
- **Course Fee include:**  
IADC WellSharp manual book, stationeries, lunch, 2x coffee break, applicable taxes
- **Reassessment Fee:** USD 150/participant (seat availability should be discussed with PT. Trikona Prima)
- **Payment** should be made 7 days before the first day of training, and received in full amount.
- **Cancellation** within 7 working days before exam day will be charge a penalty: US\$ 250 for full course
- **Invoice** can be prepared in Indonesian Rupiah (IDR) using Bank Indonesia's exchange rate on the date of invoicing.

### CONTACT US:

#### **PT. TRIKONA PRIMA**

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