THINK PLUS ACADEMY

ThinkPlus Consulting Sdn.Bhd

IADC

Think Plus Academy Sdn Bhd
A-7-1, Ativo Plaza,
Bandar Sri Damansara,
Kuala Lumpur.

Tel : +60362804985
Fax : +60362804960
E-mail : academy@thinkplusglobalgroup.com
Website : www.thinkplus-academy.com

IADC WellCAP Well Control (Fundamental)

COURSE CONTENT

- Causes of Kicks
- Kick Detection
- Pressure Concepts and Calculations Procedures
- Gas Characteristics and Behavior
- Fluids
- Constant Bottomhole Pressure Well Control Methods
- Equipment
- Government, Industry And Company Rules, Orders And Policies
- Subsea Well Control (Required For Subsea Endorsement)
- Special Situations (Optional)

TARGET GROUP

- Derrickman
- Assistant Driller
- Driller

DURATION

5 days

LOCATION

Malaysia

ABOUT THIS COURSE

This course is designed to meet the requirements of the accrediting body IADC and is offered with either Surface or Combined (surface and subsea) BOP certification.

The purpose of the core curriculum is to identify a body of knowledge and a set of job skills which can be used to provide well control skills for drilling operations including well testing and initial completion.

OBJECTIVES

At the end of this course, participants are able to:

- Define two types of kick: unintentional and intentional.
- Identify kick indicators and kick warning signals.
- Identify the causes of changes in pit level.
- Identify drilling rate changes.
- Recognize the relatively low density of gas and its effect on the hydrostatic column.
- Demonstrate understanding of the function of the accumulator system, including an explanation of the consequences of losing nitrogen pre-charge pressure.
- Calculate fluid density increase required to balance formation pressure.
- Identify types of drilling fluids and measure fluid density.
- Identify appropriate pre-recorded information.
- Demonstrate understanding of u-tube concept and hydrostatic column.
- Define pressure gradient, formation pressure gradient and calculate hydrostatic pressure and Bottomhole pressure.

COURSE DELIVERY

The course is delivered through lectures supported by videos and animations, self-study exercises, and practical work on a drilling simulator. Delegates will sit a practical assessment using a drilling simulator and two closed book examinations leading to the required certificate of competence in well control - valid for two years.

The course will start at 8:30am on Monday and finish on Friday afternoon (exact finishing times vary depending on the individual's examination results that day).