Course code: 22-98150

IADC WellSharp Driller Surface Only with Workover

Book at maersktraining.com

AVAILABLE LOCATIONS
Houma, Louisiana, Houston

AVAILABLE LANGUAGES
English

The IADC WellSharp® Driller Surface Stack course with Workover & Completion Supplement develops the practical well control knowledge and operational skills needed by drillers and other personnel who implement well control procedures. Delivered live by an instructor in a virtual classroom or face to face, the course uses interactive instruction, guided calculations, case studies and operational scenarios to reinforce kick recognition, shut-in and well kill procedures. Required practical simulator/live-well assessments are completed through arrangements approved under current IADC WellSharp® requirements.

Essential Information

Prerequisites
Learners should meet the current IADC WellSharp® Driller-level eligibility and prerequisite requirements, where applicable. For the virtual option, learners must have reliable internet access, a computer with audio/video capability and access to the approved virtual classroom platform. Identity verification, proctoring and practical-assessment arrangements must comply with current IADC requirements.

Who is it for?
Drillers, assistant drillers, drilling crew members and other personnel responsible for detecting kicks, performing shut-in procedures and operating surface-stack well control equipment during drilling, workover and completion operations.

Assessment
Successful completion requires passing the applicable IADC WellSharp® Driller Surface Stack knowledge assessment, required practical simulator/live-well skills assessment and, where included in the accredited course scope, the Workover & Completion Supplement assessment. Knowledge assessments may be administered remotely only where permitted under current IADC requirements and with approved identity verification/proctoring. Required practical assessments must be completed using an IADC-approved method and location; virtual classroom exercises do not replace them. Current IADC WellSharp® assessment and pass criteria apply.

Certification
Successful candidates receive the applicable IADC WellSharp® certificate through IADC

Course content

- **Well Control Fundamentals**
  Well control fundamentals and well barrier principles.
- **Kick Prevention**
  Causes of kicks and methods for their prevention

- **Kick Detection**
  Kick detection techniques, warning signs, and flow check procedures.
- **Driller Responsibilities**
  Driller responsibilities and initial well control response actions.
- **Shut-In Procedures**
  Surface-stack shut-in procedures and operational requirements.
- **Well Control Calculations**
  Basic well control calculations and guided practical exercises.
- **Surface Equipment**
  Surface BOP equipment, choke manifold, and associated well control systems.
- **Well Control Methods**
  Application of the Driller's Method and Wait and Weight Method.
- **Pressure & Volume Monitoring**
  Monitoring pressures and volumes during well control operations.
- **Well Control Complications**
  Common well control complications and appropriate operational responses.
- **Workover & Completion Control**
  Well control fundamentals for workover and completion operations.
- **Case Studies**
  Interactive case studies and operational well control scenarios.

Key Learning Objectives

01 LO1 — Recognize well control hazards, kick warning signs and indications of influx.

02 LO2 — Explain well barrier principles and the driller's well control responsibilities.

03 LO3 — Perform appropriate initial responses and shut-in procedures for surface-stack operations.

04 LO4 — Calculate basic well control parameters, including formation pressure and kill mud weight.

05 LO5 — Interpret shut-in pressures and monitor well conditions during well control operations.

06 LO6 — Explain and apply the Driller's Method and Wait and Weight Method under approved procedures.

07 LO7 — Identify and describe operation of surface BOP, choke manifold and related well control equipment.

08 LO8 — Apply relevant well control procedures to workover and completion operations.

09 LO9 — Demonstrate driller-level operational skills through approved practical assessment.