

Wellhead & Blowout Preventers

3.00 days

FOR/WHEADE

Overview

AUDIENCE

Engineers, technicians interested in well control.

PURPOSE

This course provides thorough information on wellhead, BOP stack characteristics and well control equipment.

LEARNING OBJECTIVES

Upon completion of the course, participants will be able to:
choose the equipment (wellhead, BOP, ancillary equipment) to design a well,
detect operating problems,
check the equipment used.

PREREQUISITE

No prerequisites for this course.

WAYS AND MEANS

Videos and animations showing how equipment works.

Agenda

ONSHORE WELLHEAD & BLOWOUT PREVENTERS

1.50 d

Onshore wellhead:
Functions, principles and technology.
Setting procedure.
Evolution of the wellhead according to drilling phase.
Blowout preventers:
Function and different types.
Characteristics and technology.

AUXILIARY EQUIPMENT

1.00 d

Closing and accumulation hydraulic unit.
Choke manifold, chokes, valves...
Mud gas separator.

SUBSEA EQUIPMENT

0.50 d

Wellhead, BOPs.
Risers.
Subsea BOP closing system.
API rules.
Exercises on subsea BOP closing system sizing.