

Training - Artificial lift: Sucker Rod Pump



SRPP-EN-P



Face-to-face only



5 days

This course provides a comprehensive, practical knowledge of rod pumping concepts, design, operations and potential problems

Level

Knowledge

Public

E&P professionals involved in operating wells using sucker rod pumping

Objectives

Attendees will be able to implement the following skills:

- This course provides a comprehensive, practical knowledge of rod pumping concepts, design, operations and potential
- problems

Pedagogical & technical resources

Attendees will be able to implement the following skills:

- Identify need for artificial lift
- Select the most-suited pumping method
- Design SRP pumps
- Analyze operating conditions
- Improve performance and manage equipment lifetime

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

Basics in well performance and completion, production engineering and/or artificial lift systems

Complementary informations

Kindly refer to the following complementary course which might be of interest: "Artificial Lift: Gas Lift"

Responsible

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

WHY ARTIFICIAL LIFT?

0.75 day

Main parameters relative to reservoir and well performance curve: inflow and outflow.
Need for artificial lift.

SUCKER ROD PUMPING

2 days

Principle, field of application, crucial parameters.

Main specific equipment: surface Pumping Units (PU), downhole pumps, rodstring, Separator selection & design.

Operating procedures and troubleshooting.

Pump selection & design.

Rodstring design & calculation.

Surface unit selection.

MEASUREMENT EQUIPMENT – DYNAMETER & ECOMETER

1 day

Principle & Procedures.

Introduction to Total Well Management software.

Interpretation of graphs.

PROSPER SOFTWARE

1 day

Introduction to PROSPER software.

Designing SRP pump using PROSPER.

Troubleshooting.

KNOWLEDGE ASSESSMENT

0.25 day

Sessions

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.

Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com