Formation - Artificial lift: Sucker Rod Pump

SRPP-EN-P | Présentiel | 5 jours

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

Niveau
Fondamentaux

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

Objectifs
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

Pédagogie & ressources techniques
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

Évaluation des acquis

- 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

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

Informations complémentaires
Kindly refer to the following complementary course which might be of interest: “Artificial Lift: Gas Lift”

Responsable
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

Programme

WHY ARTIFICIAL LIFT? — 0.75 day

© IFPTraining

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.

MEASURMENT EQUIPMENT – DYNAMETER & ECOMETER — 1 day

Principle & Procedures.
Introduction to Total Well Management software.
Interpretation of graphs.

PROSPER SOFTWARE — 1 day

Introduction to PROSPER software.
Desing SRP pump using PROSPER.
Troubleshooting.

KNOWLEDGE ASSESSMENT — 0.25 day

Sessions

IFP Training est référencé au DataDock. Rapprochez-vous de votre OPCO pour connaître les possibilités de financement de cette formation.
Pour vérifier l'accessibilité de cette formation à une personne en situation de handicap, contactez notre référent à l'adresse suivante : referent.handicap@ifptraining.com

© IFPTraining