

# Mud Pump

## Overview

Theoretical and practical product training for mud pump type TPK2200 including

- Classroom training
- TTL training (Technical Training Laboratory)
- Simulator training based on HMH HMI

This is an open-class training. The training content is not project specific or customized.

## Course description and learning objectives

In this training package you will learn

- The functionality of the different main components and their hydraulic systems.
- How all components mechanically/hydraulically interact and how the mud pump works.
- How to operate the mud pump using DrillView, IOC touch panel and joystick in different modes.
- How to execute maintenance work, based on relevant documents, safe and correctly according HSSE mindset.
- The design and functionality of HMH Mud Pump Control System MPCS

## Training content

General arrangements, technical data and performance with different liner and piston sizes

- Design and functionality of main components
- Operation
- Practical exercises
- Handling of product documentation

## Duration

2 days

## Course capacity

Min. 5 participants  
Max. 12 participants

## Target group

Maintenance personnel

## Language

Training execution and digital training material will be provided in English language.

## Prerequisites

- Basic knowledge about drilling technology
- General technical and physical understanding
- Basic hydraulic knowledge is recommended
- Basic electrical knowledge and ability to read electrical instrumentation diagrams is recommended

