Seminar Description

Movitrac B & Movidrive B - Operation, startup and fault repair

Especially in plant engineering, the maintenance engineer is often also responsible for startup. In this seminar, you will acquire the necessary basic knowledge for this in consolidated form. The seminar focuses on startup, parameter setting, quick fault repair, inverter replacement and fieldbus operation.

Target group: Maintenance and startup engineers.

Seminar objectives:

Participants will be able to:
- Startup a motor in the VFC and CFC operating modes
- Set the parameters for terminals, setpoints, ramps and messages
- Save data with PC and keypad and upload it to the inverter
- Analyze faults and eliminate them
- Control the inverter via fieldbus

Contents:

Day 1
- Properties of the ASM machine when operated on the supply system and on the inverter
- V/f characteristic curve as a basis for inverter control
- Use the MOVITOOLS® software
- Startup the inverter in VFC operating mode
- Parameter setting
- Move the drive using manual operation
- Setting important parameters
- Use the keypad

Day 2
- Control the inverter via field bus
- Perform data backup with PC and keypad,
- Startup in VFC-n and CFC control modes
- Perform SCOPE recordings
- Analyze faults and eliminate them
- Fault diagnostics with SCOPE function
- Prepare an inverter replacement

Day 3
- Use IPOSplus®
- Startup for fieldbus operation
- SEW fieldbus unit profile
- Field bus monitor, fault diagnostics, control via field bus
- Startup with Application Module – Table positioning
- Startup with Application Module – Bus positioning
- Startup with Application Module – Synchronous run
- Testing of learned material

Requirements:	Electrical engineering basics
Methods:	Educational dialogs, practical exercises
Location:	Learning Centre
Duration:	3 days
Date:	Will be decided.
Trainer:	Drives & Automation trainer
Language:	English
Max. no. of participants:	8