CRANE CONTROL

KONECRANES VFD CRANE CONTROL

#864 3 DAYS

MAXIMUM CLASS SIZE: 10

GENERAL DESCRIPTION

This state-of-the-art course covers P&H™ Smartorque Control and Drivecon Crane Control for vector drives. This course begins with the fundamentals of adjustable frequency drives, then educates participants on system specific details, such as closed loop hoist applications, open loop hoist applications and scalar drive traverse applications.

COURSE OUTLINE

- Safety, protective features
- Theory of operation
- Squirrel cage motors
- Circuits and component layout
- Controls and operation
- Troubleshoot, Preventive Maintenance and Repair
- Review extensive program parameters to include manual and autotuning
- Dynamic Braking theory and operation
- Extensive Hands-On Training

COURSE OBJECTIVES

- Understand crane and inverter safety considerations
- Learn the fundamentals of adjustable frequency drives
- Learn normal operating characteristics
- Interpret symptoms