

Course description

G769

ACS 6000 Hands-on and Update Training

Course goals

The goal of the course is to refresh the skills needed to carry out service and commissioning of the ACS 6000 drive. Working mostly on their own the participants will become confident in the handling of components, commissioning of the drive and using the appropriate application software.

Learning objectives

After completion of the course the participants are able to:

- Operate the ACS 6000
- Carry out “cold” commissioning service work and preventive maintenance
- Troubleshoot the drive

Contents

- Powering the drive (auxiliary power)
- Insulation test
- Commissioning and maintenance of Water Cooling Unit
- Software download
- Application parameter settings

- Using SW tools (DriveWindow, DriveDebug)
- Torque Controller tuning
- Replacing phase modules
- Replacing diodes and IGCTs
- Troubleshooting procedures: fault finding and repairing

Participants

Service and Commissioning Engineers

Prerequisites

Completion of the G760 Service and Commissioning course

Methods

Practical hands-on training using the demo drive, demo phase module and demo control boards based on well-chosen exercises.

Discussion of problems and questions with the instructor.

Duration

3 days

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Course outline

Day 1	Day 2	Day 3
<ul style="list-style-type: none">■ Introduction to the demo equipment■ Carry out the practical work based on the exercises■ Discussion of problems/questions with the instructor	<ul style="list-style-type: none">■ Carry out the practical work based on the exercises■ Discussion of problems/questions with the instructor	<ul style="list-style-type: none">■ Carry out the practical work based on the exercises■ Discussion of problems/questions with the instructor■ End of training

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