

Course description

G749

ACS 5000 Medium Voltage Drive Hands-on Training

Course goal

This course is targeted at future commissioning and service engineers who completed the ACS 5000 S&C training. This additional hands-on day allows the participants to gain more practical experience. Working mostly on their own the participants will become confident in the handling of components, commissioning of the drive and using the appropriate software tools.

Learning objectives

After completion of the course the participants are able to:

- Operate the ACS 5000
- Carry out “cold” and “hot” commissioning service work and preventive maintenance
- Troubleshoot the drive

Participants

Commissioning and service engineers, testing and maintenance personnel of ABB and certified technical partners

Prerequisites

- Completion of the G741 Service and Commissioning course
- Laptop with DriveDebug and DriveWindow loaded, fiber optic programming tool (RUSB-02 or PCMCIA equivalent)

Topics

- Short introduction to training equipment
- Practical exercises (different choices, e.g. SW download, SW tools, controller tuning, troubleshooting, etc.)
- Discussion of problems/questions with the instructor



Methods

Practical hands-on training using training equipment and control boards in combination with well-chosen exercises.

Discussion time with the instructor for problems and questions arisen during the S&C course.

Follow-up training

- G795 DriveMonitor™ Service & Commissioning
- ACS 5000 Expert Days

Duration

1 day
Max. 8 participants