

Description

G165

ACS550 startup and basic maintenance hands-on

Course type and description

The ACS550 standard drive learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: Classroom course with hands-on lab activities supported by an instructor. The course contains hands-on exercises with ACS550 demo units.

The first part of the learning event includes the theory based e-learning courses mentioned below. Please note that the e-learning course material is not covered during the classroom course. You are required to complete the e-learning part before the classroom part, which is essential in order to be able to succeed in the hands-on lab activities during classroom days. The status of e-learning course completion is monitored.

Prerequisites

Prior to attending this course, students should have

- Basic knowledge of electronics / electricity
- Experience in using PCs in the Windows environment
- Completed the Internet course ACS550 Standard Drive: Fundamentals (G165e)

Course Duration

The course duration is 1 day.

Student Profile

This course is intended for electricians, technicians and engineers, who install, operate and do basic maintenance for ACS550 drives.

Course Goal

The main goal of this course is to teach students to install, start-up, adjust, operate and maintain the ACS550 drive. Some topics how to do basic troubleshooting is also covered.

Course Objectives

Upon completion of this course, students will be able to:

- Do installation and commission of the ACS550 drive.
- Operate and maintain the ACS550 drive.

Main Topics

- Locating and identifying terminals
- Assistant Control Panel (ACS-CP-A) functions
- Control panel assistants
- Mechanical installation and cabling
- Commissioning and maintenance
- DriveWindow Light, commissioning and maintenance tool operations

Side topics if requested prior to the course

- FlashDrop, programming and maintenance tool and DrivePM software

Low voltage drives training

ABB University Finland, Helsinki Training Center
Helsinki.abbuniversity@fi.abb.com
www.abb.com/abbuniversity

Agenda

G165

ACS550 startup and basic maintenance hands-on

Day program

09:00 Course Information

09:15 Exercises begin

10:00 Break (15min)

10:15 Exercises continues

12:00 Lunch (45min)

12:45 Exercises continues

14:00 Break (15min)

14:15 Exercises continues

16:00 End of the day

Low voltage drives training

ABB University Finland, Helsinki Training Center

Helsinki.abbuniversity@fi.abb.com

www.abb.com/abbuniversity