

Course description

G356

ACS355 General Machinery Drive Operation and Programming Hands-On Training

Course Duration

The course duration is 1 day. Theory part of the course is in e-learning course G356e or G350e + G357e (prerequisite).

Course type

Classroom course with hands-on lab activities led by an instructor

Course Goal

The main goal of this course is to teach students to install, start-up, adjust, operate and maintain the ACS355 drive.

Student Profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACS355 drives.

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 ACS355 Machinery Drive Fundamentals, G356e or G350e + G357e

Description

This contains hands-on exercises with ACS355 units. This course belongs to a learning path that utilizes blended learning.

Course Objectives

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

- Do commissioning of the ACS355 drive.
- Operate and maintain the ACS355 drive.
- Create sequence programs using Drive Window Light software

Main Topics

- Assistant Control panel(ACS-CP-A) functions
- Mechanical Installation and the cabling
- Commissioning and maintenance
- Sequence Programming
- Timers and Counters
- DriveWindow Light, commissioning and maintenance tool operations

Side topics if requested

- FlashDrop, programming and maintenance tool and DrivePM software

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Agenda

G356

ABB General Machinery Drive ACS355 Operation and Programming Hands-On

Day 1

- 08:30 Course Information
- 08:40 Exercise 1
- 09:30 Coffee break
- 09:45 Exercise 2
- 10:45 Exercise 3
- 11:45 Lunch
- 12:30 Exercise 4
- 13:30 Exercise 5
- 14:30 Coffee break
- 14:45 Finishing up the course +
FlashDrop Demo (if requested)
- 16:00 End of the day

Exercises during the course are the following :

- Installation, start-up and parameter back-up exercises
- Timer and Counter exercises
- Application macro, Assistant control panel and Timed functions exercises
- DriveWindow Light 2.x and sequence programming exercises
- AC Drive basics and Drive Control exercises

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