G650
ACS850 single drive, startup and service hands-on

Course type

This is a classroom course with hands-on lab activities led by an instructor. Theory should be studied beforehand in the e-learning courses G650e or G651e and G063e.

Course Duration

The course duration is 2 days.

Course Goal

The goal of this course is to teach students to install, start-up, adjust, operate, ACS850 single drives.

Student Profile

This course is intended for electricians, technicians, and engineers who install, operate and service ACS850 single drives.

Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G650e or G651e and G063e

Description

This course contains several hands-on ACS850 exercises.

Course Objectives

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

- Commission and tune ACS850 single drives
- Operate and maintain ACS850 single drives

Main Topics

- Hardware and software overview
- Location of components
- ACS850 standard application program
- Control panel functions
- Converter commissioning
- Fine tuning of the converter
- Installation principles
- DriveStudio commissioning and maintenance tool operations

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ABB

Day 1

09:00	Course Information
09:10	Exercise 1
10:15	Coffee break
10:30	Exercise 2
12:00	Lunch
12:45	Exercise 3
14:15	Coffee break
14:30	Exercise 4
16:00	End of the day

Day 2

08:30	Exercise 5
10:15	Coffee break
10:15	Exercise 6
11:45	Lunch
12:30	Fault tracing
14:15	Break
13:45	Questions & Feedback
16:00	End of the course

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ABB

Exercise packages	Group 1 Exercise	Group 2 Exercise	Group 3 Exercise	Group 4 Exercise	Group 5 Exercise
Package A Installation	1	6	5	4	3
Package B Start up with control panel	2	1	6	5	4
Package C HW C frame	3	2	1	6	5
Package D SW features with control panel	4	3	2	1	6
Package E HW E frame	5	4	3	2	1
Package F DriveStudio	6	5	4	3	2

Members in the groups:

Group 1:_____

Group 2:_____

Group 3:_____

Group 4:_____

Group 5:_____