

COURSE DESCRIPTION

G310

ABB Standard Drive ACS310 Operation and Startup Hands-on Training



Course Type and Description

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

This contains hands-on exercises with ACS310 units. This course belongs to a learning path that utilizes blended learning.



Main Topics

- Assistant Control panel(ACS-CP-A) functions
- Mechanical Installation and the cabling
- Commissioning and maintenance
- Pump specific features
- DriveWindow Light, commissioning and maintenance tool operations



Course Duration

The course duration is 1 day. Theory part of the course is in e-learning course G310e (prerequisite).



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 G310e, ACS310 Standard drive Fundamentals



Student Profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACS310 drives.



Course Goal

The main goal of this course is to teach students to install, start-up, adjust, operate and maintain the ACS310 drive.



Course Objective

- Upon completion of this course, students will be able to:
- Do commissioning of the ACS310 drive.
 - Operate and maintain the ACS310 drive.
 - Activate pump specific features.

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
16:00 End of the Day

Exercises during the course are the following :

- Installation, start-up and parameter back-up exercises
- Pump specific features exercises
- Application macro, Assistant control panel and Timed functions exercises
- DriveWindow Light 2.x exercises
- AC Drive basics and Drive Control exercises

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