

Course description

G653

ABB Industrial drives, ACQ810

Start-up and service hands-on training

Course Duration

The course duration 2 days

Course type

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

Course Goal

The goal of this course is to teach students to install start-up and operate ACQ810 drives

Student Profile

This course is intended for electricians, technicians, and engineers who install, operate and service ACQ810 drives

Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- G653e ACQ810 Fundamentals, Internet course
- G063e DriveStudio, Internet course

Description

This course contains hands-on ACQ810 exercises

This course belongs to a learning path that may utilize blended learning

Course Objectives

Upon completion of the course, students are able to commission, operate, maintain and tune ACQ810 drives

Main Topics

- Hardware and software overview
- Location of components
- Installation principles
- Control panel functions
- Commissioning
- ACQ810 Standard application program
- ACQ810 Pump Specific features
- Fine tuning of the drive
- DriveStudio commissioning and maintenance tool operations

Low voltage drives training

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Agenda

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Day 1

08:30 Course Information

08:45 Exercise 1

10:15 Coffee break

10:30 Exercise 2

12:00 Lunch

12:24 Exercise 3

14:15 Coffee break

14:30 Exercise 4

16:00 End of the day

Day 2

08:30 Exercise 5

10:00 Coffee break

10:15 Exercise 6

11:45 Lunch

12:30 Fault tracing

13:45 Finishing up the course and evaluation

14:00 End of the course

Exercises during the course are the following:

- Installation
- Start-up with a control panel
- Hardware – C frame
- Software features with a control panel
- Hardware – E frame
- Drive Studio

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