Course description

G653

ABB Industrial drives, ACQ810 startup and maintenance hands-on

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
Agenda

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Day 1

09:00 Course Information
09:15 Exercises will start
10:00 Break (15min)
10:15 Exercises continues
12:00 Lunch (45min)
12:45 Exercise continues
14:00 Break (15min)
14:15 Exercises continues
16:00 End of the day

Day 2

09:00 Exercises continues
10:00 Break (15min)
10:15 Exercises continues
12:00 Lunch (45min)
12:45 Exercises continues
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