**COURSE DESCRIPTION**

**G653**

**ABB Industrial Drives, ACQ810**

**Startup and Maintenance Hands-on**

**Course Type and Description**
Classroom course with hands-on lab activities led by an instructor

This course contains hands-on ACQ810 exercises

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

**Course Objective**
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

**Course Duration**
The course duration is 2 days.

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

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

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