

ACS800 OEM Authorized Startup Training Program Description

Tuition Fee - \$300 per student

ACS800 OEM Authorized Startup

This OEM Authorized Startup training provides the student with comprehensive instruction in the installation, wiring, and commissioning of LV ACS800 Drives. The curriculum combines both instructor-led training and hands-on lab exercises.

This training program focuses on commissioning for wall mount and enclosure installation of drives up to 600HP. The program includes commissioning practices for standard analog controlled installation and installations utilizing fieldbus communications.

Program Goals

To provide students with the necessary information, tools and training to be able to assess a LV Drive installation, to configure the drive, tune the drive, and perform complete installation and commissioning services.

Program Duration

This program is offered as a combo video-led on-line instruction and classroom Instructor-led hands-on lab exercises (0.75) day. Students will complete online modules before attending the classroom training.

Student Profile

This training program is intended for ABB OEM authorized channel partners with experience working with and installing LV Drives. The students of an OEM Startup program would typically be responsible for installation and technical services related to installation of LV Drives.

Prerequisites

- Experience working with power electrical equipment and voltage levels of up to 690Vac
- Basic understanding of LV AC Drives
- Understanding of basic motor control
- Understanding of LV AC Drive operation
- Product operational knowledge of the ACS800
- Completed product overview training program for the ACS800
- Familiar with product commissioning PC tools

OEM Authorized Startup Program

The program provides customers, end users trained technicians with the knowledge and capability to Start-Up LV ACS800 Drives. The technician can perform the drive installation and configure it properly for service in the application.

Customer and End User advantages:

- Additional engagement with the factory
- Extended installed life of drive product
- Improved overall customer satisfaction
- Differentiation from box mover or web purchase
- Improved life cycle management
- Properly installed and commissioning drive
- Extended life of drive product
- Increased production and process up time

Program Objectives

Upon successful completion of this program, students will obtain the following:

- Apply basic safe work practices for installation and commissioning of LV Drives
- Understand the risks associated with LV Drives
- Complete understanding of the installation requirements for a LV AC Drive
- Apply best wiring practices for LV Drives
- Commission an ACS800 including fieldbus communications
- Perform basic commissioning fault diagnostics and quickly correct installation issues on site

Student Materials

Each student will receive upon completion of the program:

- Student binder with all training materials
- The Basic Guide to Installing an AC Drive
- The Basic Guide to Commissioning the ACS800

Program Description

Program Agenda

Day 1

8:00 a.m. - 3:15 p.m.

- Program Introduction
- Programming eLearning Video Review
- Analog Startup Lab
- Basic Startup and Software Lab
- Authorized Startup Review
- (Optional) H/O/A and PID Lab

