

# ACS550 OEM Authorized Startup Training Program Description

**Tuition Fee - \$300 per student**

## **OEM Authorized Startup for the ACS550**

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

The OEM Authorized Startup training program for the ACS550 drives focuses on commissioning for wall mount and enclosure installation of drives up to 550HP. 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 Type and Duration**

This program is offered as a combo video-led on-line instruction and classroom Instructor-led hands-on lab exercises (1) 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. Students of an OEM Authorized Startup program would 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 690V AC
- Basic understanding of LV AC Drives
- Understand basic motor control
- Understand LV AC Drive operation
- Product operational knowledge of the ACS550
- Completed product overview training program for the ACS550
- Familiar with product commissioning PC tools

## **OEM Startup Program**

The program provides customers, end users trained technicians with the knowledge and capability to startup LV ACS550 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
- Understand the installation requirements for a LV AC Drive
- Apply best wiring practices for LV Drives
- Commission an ACS550 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 ACS550

# Program Description

## Program Agenda

<b>Day 1</b>
8:00AM - 5:00PM
<ul style="list-style-type: none"><li>• Program Introduction</li><li>• Startup Review</li><li>• Analog Startup Lab</li><li>• Startup Review Lab</li><li>• Authorized Startup Review</li><li>• (Optional) H/O/A and PID Lab</li></ul>

