



Sure Controls, Inc.

Controls & Systems for Industry

ED-202

Parker SSD Drives - AC Drives Maintenance Focus

Duration	2 Days
Prerequisites	Working knowledge of electrical circuits and electrical control devices used in plant automation.
Audience	This course is primarily intended for engineers, electricians, and electronic technicians who are responsible for installing, maintaining and troubleshooting AC drives.
Cost	\$ 800

Abstract

This course provides the participant with the skills required to install setup and maintain AC drives.

Hands-on practice exercises provide practical experience in wiring, setup, fault isolations, and troubleshooting.

Topics

- How AC drives work
- Types of AC drives (V/Hz, Sensorless Vector, Vector)
- How to wire power and control circuits of AC drives
- How to tune the drive
- How to configure the drive
- Using DSE Lite
- Diagnostic messages
- Drive troubleshooting
- And More!

Objective

After completing this course participants will be able to:

- Identify the appropriate type of AC drive for the application
- Setup and configure a drive to use both discrete and analog signals
- Install and wire the drive
- Commission the drive
- Troubleshoot failures
- And More!

Tools Provided	Student Manual DSE Lite Software
Products Covered	Parker SSD Drives 650V Parker SSD Drives 690+