



# Sure Controls, Inc.

Controls & Systems for Industry

## ED-204

### Parker SSD Drives – 890 AC Drives

<b>Duration</b>	1 Day
<b>Prerequisites</b>	Working knowledge of electrical circuits and electrical control devices used in plant automation. Basic digital AC drive knowledge. Familiarity with Windows 98 or higher. Familiarity with the Parker SSD Drives AC drives.
<b>Audience</b>	This course is primarily intended for engineers and electronic technicians who are responsible for configuring and commissioning 890 AC drives systems.
<b>Cost</b>	\$ 375

### Abstract

This course provides the participant with the skills required to specify, configure, and commission an 890 AC drive system.  
Hands-on practice exercises provide practical experience in drive system development and configuration.

### Topics

- Applications of AC drive types ( V/Hz, Sensorless Vector, Vector, Servo)
- How to wire power and control circuits of the 890 AC Drive
- How to tune the drive
- How to configure the drive
- Diagnostic messages
- Drive Troubleshooting
- Communications options (DeviceNet, ControlNet, Modbus)
- Using DSELite

### 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
- Commission the drive
- Troubleshoot failures
- Have a working knowledge of communications options and their configuration
- And More!

<b>Tools Provided</b>	Student Manual DSELite Software
<b>Products Covered</b>	Parker SSD Drives 890