WEG Automation Distributor Specialist Training

4 - Day Course

SCOPE

This class provides Authorized WEG Automation Distributors an overview of the complete range of WEG Automation product offers, including a summary of available tools and resources to assist in specification and selling efforts. Specific emphasis is focused on WEG Drive and Soft Starter offers.

The class will give participants the fundamental understanding required to install and start up WEG low-voltage Drives and Soft Starters and training on the configuration and application of WEG's Pump Genius software.

PREREQUISITES

WEG Automation Sales Engineer provided introductory training on WEG Automation Offers. Knowledge of electrical principles, power electronics, and control circuits with a specific understanding of motor control equipment. The ability to use multi-meters, amp clamps, oscilloscopes, and computers. Knowledge of required safety practices and procedures.

COURSE OBJECTIVES

Upon completion of this course, students will be able to:

- Control and operate the WEG family of drives and soft starters
- Understand and navigate the programming hierarchy
- Perform oriented start-ups
- Install and use WEG WPS and WLP software
- Load basic basic shell program for simplex and multiplex Pump Genius program
- Run the CFW11 and CFW500 Pump Genius Wizard for Simplex and Multiplex systems
- Identify and troubleshoot faults
- Perform authorized start-up for WEG Low Voltage Drives and Low and Medium Voltage Soft Starters.

WHAT YOU NEED TO BRING:

- Notebook PC with administrator prvivileges enabling software installation

TOPICS

- Overview of WEG drives and soft-starters
- Overview of WEG automation panels
- Drives (CFW11 focused)
- Soft-starters (SSW900 and
- SSW07 focused)
- Product features
- Power and motor terminations
- Control board description with explanation of I/O
- HMI Navigation
- Oriented start-up
- Basic parameters
- Read-only parameters
- PID control (CFW11)
- Fault descriptions and troubleshooting
- Overview of WEG WPS and WLP software
- Overview of the CFW11 and CFW500 Simplex System
- Overview of the CFW11 and CFW500 Multiplex System
- Programming of the Pump Genius Programming Wizard for CFW11 Multiplex 3-pump system
- Soft Starter and VFD Start-up Check List