PLC WORKSHOP FOR SQUARE D TRAINING

FOUNDATIONS SYLLABUS

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

Getting Started
- Install PLC WorkShop

Memory Configuration
- Allocate Expanded or Extended Memory for PLC WorkShop Overlay
- Allocate Expanded Memory for program data

Security Configuration
- Understand available security levels
- Configure security
- Manage passwords that access these security levels
- Add and delete passwords
- Set enter and exit security levels

Network Mode
- Scan, create, edit, load, and save network files

Online vs. Offline
- Understand the difference between online and offline modes
- Select online or offline modes
- Transfer from offline to online, and online to offline

Terminal Mode
- Configure Terminal Mode communications
- Access the Terminal Communication screen

Program Setup
- Specify where Help information is located
- Set communication parameters
- Select monitor display type

Navigation and Help
- Navigate through PLC WorkShop
- Access Help text available in PLC WorkShop

Ladder Program
- View and edit the PLC ladder logic program

Ladder Editor Setup
- Check for duplicate outputs
- Enable default registers
- Shade documentation
- Customize colors

Rack Addressing
- Understand rack addressing and terminology
- Access the Rack Addressing screen
- Learn basic rack addressing guidelines
- Enter a rack addressing example
- Delete rack addresses
- Display configured racks
- View remote status of drops

Disk Operations
- Access the Disk Operations screen
- Load files from disk and save files to disk
- Merge disk files to offline program
- Restore files from backup files
- Delete and copy files

Transferring Programs
- Transfer ladder programs, configuration, and data from offline memory to processors and from processors to offline memory

Documentation
- Identify different forms of documentation
- Access the Documentation Editor
- Create, edit, and save documentation

Data Window
- Enter any desired address
- Display consecutive addresses easily
- Format data values
- Read data values from, and write data values to, the PLC

Cross Reference
- Use the Cross Reference to display where address and instructions are used
- Print Cross Reference information

PLC Operations
- Halt/run the PLC, disable PLC outputs, turn on Memory Protect, inhibit forcing, and protect registers

Print Program
- Select parts and print the PLC program

Clearing Memory

To find out more about our comprehensive training solutions, contact Sales for information: sales@fast-soft.com or 262.238.8088.

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