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Siemens Logo

Software: Siemens Logo
PLC Type: Siemens Logo
Duration: 2 days
Pre-requisites: None
Maximum Delegates: 6

Brief Description

- Be able to recognise and install hardware and be able to replace modules when a fault occurs.
- Be able to operate the Logo software to make it perform certain tasks.
- Understand basic Logo instruction set and be able to make minor modifications to software.
- Be able to backup and restore a Logo program when required.
- Be able to perform basic system diagnostics when a problem occurs.
- Interface with the LOGO TD

Course Content

To fault find a system you need to know EXACTLY how it works
HOW EXACTLY DOES A PLC WORK?

- Establish a link to the Logo
- If comms problem check the interface
- Create a blank project and take a backup (just in case I mess up)
- Open project for LOGO
- Change modules if necessary (with spares and without spares)
- Hardware Configuration
- Clear Memory and Download program
- Check software against latest copy (Compare function)
- Simulating code
- Online Monitoring program
- Searching for specific operands and instructions
- Changing timer, counter values via Logo screen
- Displaying messages on the LOGO screen
- Documentation (Symbols, Comments)
- Printing Cross Reference / Program Listings etc.
- Displaying Error and opertaor messages

Background information also covered

Understanding of the following:

- FBD and Ladder programming
- Inputs (I), Outputs (Q), Flags (M)
- AND, OR, XOR, NAND, NOT functions
- Interconnecting functions
- Documenting program
- Basic Instructions, contacts, coils, Set, reset etc.
- Timers, Counters
- Pulse generators
- Error / Info Window
- Linking to LOGO TD display
- Fault finding tips

Course Equipment (per delegate)

- Siemens Logo
- PC or Laptop
- Simulator