DILIGENT AUTOMATION
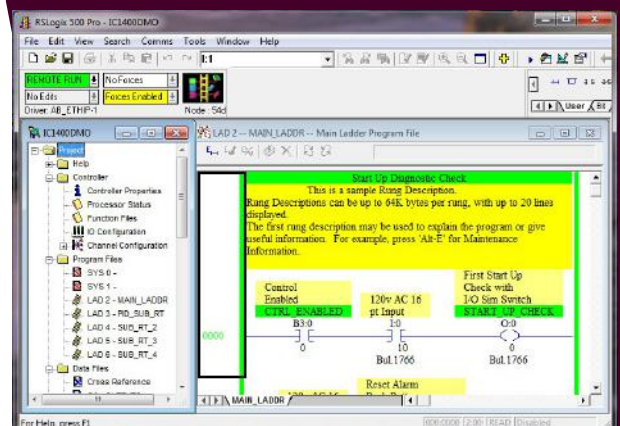INCREDIBLE SOLUTIONS, INCREDIBLE RESULTS

PLC Training - AllenBradley Micrologix & SLC

Course Code: DA-AB-SLC

Training meant for

This course is aimed for Allen-Bradley PLC users (Micrologix / SLC) who want to build up a weighty knowledge about PLC (SLC & Micrologix Platform) and programming software. After completing this course, students should be able to perform the following tasks

- Understand PLC and its hardware components
- Communications, Digital & Analog IO addressing
- Get started with programming software
- Data types and addressing
- Usage of Instructions and function files
- Capability of developing customized programs in SLC / Micrologix platform

Requisites

Background in Electrical or Electronics engineering
Basic knowledge of programming an Allen-Bradley PLC
system or comparable PLC-types is desired, but not mandatory.

Course Contents

- Overview of the Micrologix & SLC-500 components
- RS Logix 500 software package
- Introduction to the Training Kits
- System Overview
- Communications
- Processor Fundamentals
- Programming Fundamentals
- I/O configuration
- Memory-organization, file structures e.g.
- Bit Instructions / Timers / Counters
- Comparison Instructions / Math Instructions
- Move and Logical Instructions
- Scale Instruction / Indirect and Indexed Addressing
- File Instructions / Communication Instructions
- Selectable Timed Interrupt / I/O Interrupts
- Shift Register Instructions / FBC and DDT Instructions
- FIFO and LIFO Instructions / Sequencers
- The PID Instruction
- Forcing & Troubleshooting

Methodology

Courses offered by Diligent Automation are with proficient trainers.
Presentations (theory and examples) as well as practical exercises
bring life to the courses. A laptop with necessary software installed
will be given to each candidate during the training session.
Training kits will be provided to execute practical sessions.

➤ **Course Duration is 7 Days (56 Hours)**

➤ **Max 12 candidates per batch**

➤ **Course Fee: 15000 INR (Inclusive of all Taxes)**

For more details,
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