



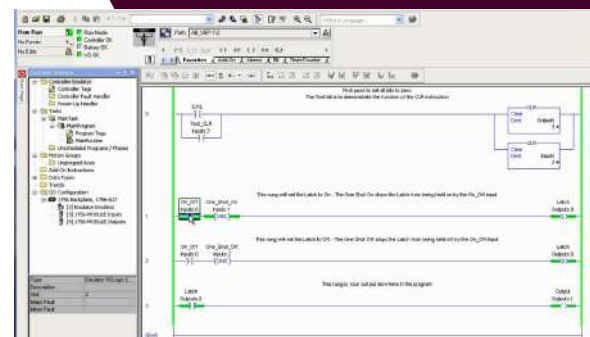
PLC Training - AllenBradley Controllogix & Compactlogix

Course Code: DA-AB-CLX

Training meant for

This course is aimed for Allen-Bradley PLC users (Logix Platform) who want to maintain or program a Logix5000 project. After completing this course, students should be able to perform the following tasks

- Understand PAC system components
- Download and go online to a Logix5000 controller
- Operate the Logix Designer application
- Configure I/O modules
- Create tags and monitor data in a Logix Designer project
- Draft ladder logic for a Logix Designer routine
- Select ladder logic instructions for a Logix Designer routine
- Enter ladder logic components in a Logix Designer routine
- Locate PAC system components, I/O Tags, and devices in a Logix5000 system



Requisites

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

Course Contents

- RS Logix Studio 5000 Overview / RS Linx
- CPU Modes / Configuring Ethernet Modules
- Downloading / Uploading
- Tag Database
- Configuring Discrete I/O & Analog I/O
- Non Volatile Memory
- Ladder Logic / Relay Type Instructions / Editing Ladder
- Timers / Counters / Arrays / User Defined Type / Add On Instructions
- Compare Operations / Math Operations /Mask Instructions
- Tasks, Programs and Routines
- Program Control / Searching and Cross Reference
- Forcing / Trending
- Project Compare Tool
- Troubleshooting

Training Method

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: 20000 INR (Inclusive of all Taxes)**

For more details,
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