Emerson Controller Certified Training
Controller Maintenance 7700

As an authorised training centre for Emerson, IPD is pleased to offer the opportunity for our clients to enrol in a 'STEP' certified Emerson Controller training course.

WHO SHOULD ATTEND

This course is intended for anyone who will be troubleshooting Emerson control systems using PAC Logic Developer software. It is designed for electrical technicians, electricians, and/or engineers beginning to work with Emerson Control Systems who will be tasked with modifying and maintaining Controller programs and hardware.

PRE-REQUISITES

Participants should be comfortable operating in a Microsoft Windows environment. Participants should have a basic understanding of electrical/control fundamentals.

To enrol, please call 1300 556 601, or register via our training page: ipd.com.au/Automation-Training.

2 days
9:00 am to 4:00 pm (approx.)

$1,850 ex. per person

Onsite at IPD

OBJECTIVES

The Emerson Controller Maintenance - Logic Developer Controller course provides the student with the skills necessary to troubleshoot and repair faults in Emerson programmable logic controllers (90-30, 90-70, VersaMax, RX7i and RX3i). The class is taught using Logic Developer Controller software, which is part of the PAC Machine Edition family of products. The focus is on interpreting existing ladder logic programs for troubleshooting purposes. Students are also taught how to use the troubleshooting tools within the software to determine where faults have occurred and how to correct them.

COURSE CONTENT

Upon completion of this course, the student will be able to:

- Define the function of each hardware component of Emerson Controller system
- Describe the PAC Machine Edition software environment
- Configure and establish communication to the Emerson Controller hardware
- Configure Emerson Controller hardware using Logic Developer Controller software
- Define the instruction set(s) for Emerson Controllers
- Modify existing ladder logic in Emerson Controllers
- Interpret existing ladder logic for troubleshooting purposes
- Research hardware and software information in Infolink
- Access and interpret controller and I/O fault tables
- Use troubleshooting tools within Logic Developer Controller software

OTHER COURSES

- **Emerson Controller Programming 7701**
- **Proficy Process Systems Fundamentals 7703**
- **Movicon.NExT Fundamentals 7704**
- **Movicon.NExT Advanced 7705**
- **Emerson Advanced Controller Programming 7707**

NB: Minimum class number must be attained before classes can commence and cancellation fees may apply within 14 days of the course date.

Enrol in valuable Emerson training today.

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