



## **Allen Bradley Logix 5000 Basic PLC Training Course**

More Control offer you standard training courses and bespoke courses which are tailor made for the user, whether responsible for maintenance, engineering or information management. Our qualified trainers all have practical, professional experience and know how to apply theoretical knowledge in practice.

### **Training Course Objectives**

The course is for technicians and engineers, who have little or no Logix 5000 PLC programming and application experience, who are required to make changes to existing Logix 5000 programs. Programming theory is kept to a minimum; the course is hands on with great emphasis on the practical aspects of Programmable Logic Controller applications. The course is based around CompactLogix range of PLCs and RSLogix 5000 software; however, it is suitable as a general introduction to PLCs. The course is run using RSLogix 5000 software and may be customised to include functions relevant to your control applications.

### **Training Course Content**

- RSLogix 5000 programming Software
- Tag Based addressing
- Controller Tags
- Program Tags
- Base Tags
- Alias Tags
- Data Types
- Tags Scope
- Tasks
- Main Routine
- Sub Routine
- System I/O Configuration
- Communicating with the PLC
- Downloading and Uploading PLC programs
- Monitoring PLC programs
- Simple PLC Programming
  - Inputs/outputs
  - Timers
  - Counters
- Application Functions
- Commenting of programs
- Monitoring techniques
- Fault finding and searching
- Testing and forcing techniques

### **Training Course Aims and Duration**

At the end of the course engineers and technicians will be able to carry out fault finding and maintenance on Allen Bradley Logix 5000 PLC controlled plant in a safe and competent manner.

Duration is 2 Days on site, on your premises at a time and date of your choice.

### **More-Control UK Ltd**

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