



Objectives

To enable ProSafe-PLC project engineers to create a complete new system from the functional design specification through to the test phase. This course will outline implementation of ESD and F&G systems, typicals, the Master Tag List.

Who should attend?

Project engineers and process control engineers who will implement a ProSafe-PLC system.

Prerequisite knowledge

Participants will require a working knowledge of computers, MS-Windows, electronics and Boolean logic.

Programme

Day 1:

- § Welcome and course introduction
- § ProSafe-PLC hardware overview
- § Exercise: ProSafe-PLC hardware familiarisation
- § Introduction to PLC SET
- § Exercise: off-line system module tree configuration
- § Exercise: I/O configuration

Day 2:

- § Concepts of PLC SET and configuration hierarchy
- § Exercise: PLC SET tour
- § Creating a ProSafe-PLC configuration
- § Exercise: creating a configuration

Day 3:

- § PLC SET features (menu)
- § Exercise: Using the features of PLC SET
- § ProSafe-PLC default configuration
- § Compare, select, logic and alarm blocks
- § Timers and counters
- § Exercise: timers and counters

Day 4:

- § Ladder Logic
- § Exercise: ladder logic configuration
- § Move and communication function blocks
- § Exercise: move and communication
- § Actions
- § Fault finding and corrective maintenance
- § Evaluation

Duration

4 days