
INDUSTRIAL CONTROLS

TRAINING COURSE OUTLINE

COURSE SUMMARY

This course provides a comprehensive overview of industrial components, electrical circuit diagrams, and symbols. You will learn about starters, timers, emergency circuits, power supplies, control transformers, electrical protection, and safety practices. By the end of this training, you will gain practical skills to interpret diagrams, implement safety protocols, and troubleshoot industrial control systems effectively.

COURSE OBJECTIVES

- Know and correctly select various electrical components used in industry:
- Control components – switches, pushbuttons, signaling devices, relays, contactors
- Circuit breakers
- Motor starters
- Timers
- Power supplies
- Control transformers
- Electrical protection equipment
- Read and interpret Electrical circuit diagrams
- Understand electrical Emergency circuits and their applications
- Know and practice Electrical safety

COURSE OUTLINE

- Introduction to industrial components
- Overview of product range
- Electrical circuit diagrams and symbols
- Starters
- Timers
- Emergency circuits
- Power supplies
- Control transformers
- Electrical protection
- Electrical safety