



# PROCESS CONTROL AWARENESS

## Aim

To provide delegates with an overview / appreciation of Plant Control Systems (PCS)

## Pre-Requisite

There are no entry requirements for this course

## Course Duration

1 day

## Maximum Number

10 delegates

## Training Aids

Lecture notes and audio-visual presentation

## Assessment

Online assessment

## Certification

On successful completion of the course candidates will receive a NETA certificate

Please Note: NETA certificates have an advised expiry of 3 years from date of issue

## Additional Information

Meeting the needs and expectations of service users is of the highest priority to our staff. Therefore, if you have any concerns or wish to make a comment about the service please contact: [info@NETA.co.uk](mailto:info@NETA.co.uk)

## COURSE OBJECTIVES

At the end of the course, delegates will have:

- An appreciation of Plant Control Systems
- A greater understanding of P&ID's
- An understanding of the human interface
- Overview of PLC's, DCS and SCADA Systems

## COURSE SYLLABUS

- P&IDs
- Introduction and Block Diagrams
- Piping and Instrumentation Diagrams
- Abbreviations, Legends and Symbols
- Equipment and Line Numbering
- Reading P&ID's
- Plant Control Systems
- Overview of Plant Control Systems
- PLC, DCS and SCADA Systems
- HMI (Human Machine Interface)
- Alarms and Monitoring Systems
- System Advantages and Disadvantages
- Backup Systems and UPS

Course Ref: CPGE1  
CSM: 09/22

