



# High Voltage Substation Access & Awareness Course

Course Code: HV3

## Introduction

Our City & Guilds Accredited Certificate in Substation Access and Awareness of High Voltage Power Systems course is for persons who require Substation Access and Awareness of High Voltage Power Systems or low voltage switchrooms or control stations, and are required to work in the vicinity of, but not on electrical power equipment. The course covers the safety requirements for working in the vicinity of High Voltage electrical equipment, it highlights electrical hazards and the precautions necessary to avoid danger.

The course will ensure all candidates who successfully achieve the course, have demonstrated their professionalism, safe behaviour and competence to understand and manage their responsibilities when entering, working inside or exiting electrical substations and switchrooms.

The course covers the arrangement of equipment within substations and switchrooms, safety procedures, understanding of key safes and Hasp systems and steps to be taken in an emergency.

Contact us to attend our City & Guilds Accredited Substation Access and Awareness of High Voltage Power Systems course

If you need this course to run any other day or at the weekend then just ask!

## Content

- \* Safety requirements
- \* Reasons to specifically keep to designated routes
- \* Electrical hazards and precautions
- \* Basic Recognised Signs associated with HV Networks
- \* What to look for to indicate hazards
- \* Arrangement of high voltage substations
- \* Basic high voltage safety procedures
- \* The role of Protection

- \* Emergency conditions
- \* Demonstration of switchgear principles
- \* Electrical incidents
- \* What is a safety document and types
- \* What you can do to aid safety
- \* Course review

## Aim

To enable personnel to enter substations and switchrooms for specific duties and to recognise the dangers associated with high voltage power equipment, up to and including 33 kV.

These duties may include:

- \* Meter reading
- \* Switchroom lighting
- \* Telephone repairs
- \* Cleaning etc.
- \* Asbestos related audits or licensed and non licensed work
- \* Fire Systems installation or maintenance
- \* Cleaning
- \* Inspection
- \* Maintenance of structures
- \* Security

## Participants

Electrical/non-electrical personnel with no previous experience of electrical power systems, who require RESTRICTED Authorisation to permit access to areas containing High Voltage Electrical Apparatus with a view to undertaking specific duties.

## Certification



Candidates who successfully complete the City & Guilds Accredited Multiple Choice assessment will receive a certificate of competence.

Speak to a course advisor

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