



High Voltage Electrical Systems And Processes Course

Course Code: HV15

Introduction

This City & Guilds accredited course will allow you to gain knowledge and further understanding of High Voltage electrical systems.

This course is a good introduction for anyone wishing to gain further knowledge in High Voltage systems.

This is suitable for all persons who require further understanding such as key personnel such as Auditors, Supervisors and Managers. Course is an Introduction to the requirements of High Voltage Installations and the process's involved in the professional management and operational of them.

It will provide you with an understanding of high voltage safe systems of work when involved with the control and operation of electrical systems.

Whilst promoting effective monitoring and implementation of safe systems of work, for all operational staff, including auditors, supervisors and managers.

Content

An introduction to high voltage distribution and circuits

Types of high voltage switchgear and substation equipment

Low Voltage Distribution Systems at the Boundary of High Voltage Systems

Safety Documentation and implementation

Distribution Network Operator, Third Party And Customer Boundary Liaison

Hv Safety Rules and Operational Procedures

Roles and Responsibilities of Competent and Authorised Persons

Safe working procedures for safe systems of work, such as HSG 85 and Company Safety Rules

Operation, Isolation and Earthing of high voltage systems

Introduction to Protection Systems

Maintenance of High Voltage Apparatus and Plant - Assets



Aim

Objectives: By the end of this course you will:

- Have a knowledge of current safety legislation associated with the control and operation of the HV system
- Be aware, in general terms, of the safety and access requirements for high voltage substations
- Be aware of the requirements to produce switching schedules for the safe operation on HV systems
- Be aware of the requirements to complete the range of safety documents
- Gain an awareness of switchgear designs and ratings

Gained an awareness of normative documents required for your installation

Participants

Anyone wishing to gain an appreciation of the operational aspects of a high voltage system.

The course is essential for Supervisors and Managers working in the power industry who wish to gain an awareness of the industry methods to ensure compliance with legislation and safety documentation.

Certification

Candidates who successfully complete the City & Guilds Accredited theoretical and practical competence assessments will receive a City & Guilds Accredited Certificate of competence.

Speak to a course advisor
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