

# K1 Solutions Training

## High Voltage Appreciation Course

**Duration:** 2 days

**Location:** Lincoln Training Centre

**Cost:** £550 + VAT including certificate, PDF copy of the course notes, lunch and refreshments

**Audience:** This training course is for anyone wishing to gain an appreciation of the operational aspects of a high voltage system, and those who need to understand what is required for the correct operation and management of high voltage equipment.

**Prerequisites:** None required

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### Course overview

This intensive 2-day training course provides the technical knowledge, practical experience, and procedural information required for safe and compliant high voltage operations in simple and non-technical manner.

Built around the DNO Distribution Safety Rules, the course blends theory with hands on practical application and can include formal assessment aligned with City & Guilds standards.

This course is suited for directors, senior managers and project managers who are overseeing the construction activities in readiness to make a site live.

This course also provides a great foundation for apprentices and other persons, such as project managers who are working with this equipment but any not currently being considered for operational authorisation. The course will provide the level of information for working safely in substations, and there is an optional assessment to support any company authorisation for substation access.

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### What you will learn

By the end of the course, participants will be able to:

- ⚡ Understand the hazards of electricity and how risks may arise
- ⚡ Recognise behavioural factors that influence electrical operations and decision making
- ⚡ Understand UK safety legislation & controls necessary to control electrical work
- ⚡ Gain an awareness of switchgear design and operation
- ⚡ Understand the need for electrical safety rules and the format of these documents
- ⚡ Understand why competency and authorisation are important for HV Operations
- ⚡ Understand the access requirements for HV substations
- ⚡ Understand how to correctly plan work on a HV system
- ⚡ Carry out practical exercises planning work and carrying out switching operations

⚡ Understand how safety documents are used to control work on an electrical network



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## Assessments

There is one optional assessment for this course:

1. **Multiple Choice Exam** – Test the knowledge of the hazards associated with Substation Access

Assessments are delivered to City & Guilds standards.

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## Employer benefits

This course is ideal for those persons who wish to understand what controls and working methods need to be adopted to work on electrical systems.

This course will also cover the information to work safely in substations and can be used by employers as authorisation to allow persons access to substations.

This course also provides a great foundation for apprentices and others who require knowledge of HV operations but are not being considered for full authorisation as AP or SAP.

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## 2026 Course Dates

 13 <sup>th</sup> & 14 <sup>th</sup> January	 13 <sup>th</sup> & 14 <sup>th</sup> July
 9 <sup>th</sup> & 10 <sup>th</sup> February	 August – by request
 16 <sup>th</sup> & 17 <sup>th</sup> March	 3 <sup>rd</sup> & 4 <sup>th</sup> September
 1 <sup>st</sup> & 2 <sup>nd</sup> April	 12 <sup>th</sup> & 13 <sup>th</sup> October
 7 <sup>th</sup> & 8 <sup>th</sup> May	 10 <sup>th</sup> & 11th November
 June – by request	 December – by request

Visit [www.k1-solutions.co.uk](http://www.k1-solutions.co.uk) for more information.

Email [Training@k1-solutions.co.uk](mailto:Training@k1-solutions.co.uk) to secure your place.