

# K1 SOLUTIONS TRAINING HIGH VOLTAGE OPERATIONS COURSE

## KEY INFORMATION

**Duration:** 5 days

**Location:** Lincoln Training Centre

**Cost:** £1520 + VAT including City & Guilds Certificate with electronic credential, PDF copy of the course notes, lunch and refreshments

**Audience:** Persons being considered for Authorised Person (AP) or Senior Authorised Person (SAP) roles in high voltage operating environments

**Prerequisites:** Delegates attending this course should understand electrical distribution systems

## COURSE OVERVIEW

This intensive 5 day training programme is tailored for individuals preparing to take on formal authorisation to work on high voltage electrical systems. Whether you are progressing toward AP or SAP status, this course delivers the technical knowledge, practical experience, and procedural confidence required for safe and compliant high voltage operations.

Built around the DNO distribution safety rules, this City & Guilds assured course blends theory with hands on application, including formal assessments with a City and Guilds certificate and new digital credential awarded.

## WHAT YOU WILL LEARN

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

- Identify key electrical hazards and understand how danger may arise
- Recognise behavioural factors that influence safety and risk management
- Understand current legislation governing high voltage system control and operation
- Interpret high voltage switchgear designs and ratings
- Plan high voltage work zones and apply structured safety procedures
- Create switching schedules and complete electrical safety documentation
- Conduct desktop exercises for complex high voltage operations and documentation planning
- Practical use of cable identification, spiking, phase rotation, and pressure testing techniques
- Understand protection principles and typical high voltage protection devices
- Gain practical switching experience across various high voltage equipment types

## ASSESSMENTS

Participants will complete two formal assessments. Both assessments are delivered to City & Guilds standards and contribute to the overall City & Guilds certification.

**1. Desktop Planning Exercise** – Plan a switching activity and issue a supporting safety documentation

**2. Multiple Choice Exam** – Test knowledge of course topics and safety principles

## EMPLOYER BENEFITS

This course is regarded as the industry standard for those being considered for AP or SAP duties. Our comprehensive course feedback includes performance insights and readiness indicators to support your internal authorisation process for AP and SAP roles.

## 2026 COURSE DATES

- 26th - 30th January
- 23rd - 27th February
- 23rd - 27th March
- 20th - 24th April
- 18th - 22nd May
- 22nd - 26th June
- 20th - 24th July
- 24th - 28th August
- 21st - 25th September
- 26th - 30th October
- 23rd - 27th November
- 14th - 18th December

## CONTACT INFORMATION

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.