

K1 Solutions Training

High Voltage Operations Course

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 (HV) 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 HV operations.

Built around the DNO Distribution Safety Rules, this City and Guilds assured course blends theory with hands on application and includes two formal assessments with 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 HV system control and operation
 - ⚡ Interpret HV switchgear designs and ratings
 - ⚡ Plan HV work zones and apply structured safety procedures
 - ⚡ Create switching schedules and complete electrical safety documentation
 - ⚡ Conduct desktop exercises for complex HV operations and documentation planning
 - ⚡ Practical use of cable identification, spiking, phase rotation, and pressure testing techniques
 - ⚡ Understand protection principles and typical HV protection devices
 - ⚡ Gain practical switching experience across various HV equipment types
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Assessments

Participants will complete two formal assessments:

1. **Desktop Planning Exercise** – Plan a switching activity and issue supporting safety documentation
2. **Multiple Choice Exam** – Test knowledge of course topics and safety principles

Both assessments are delivered to City & Guilds standards and contribute to the overall course City & Guilds certification.

Employer benefits

This 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

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

Visit www.k1-solutions.co.uk for more information.

Email Training@k1-solutions.co.uk to secure your place.