

Authorised Person: High Voltage (Industrial and Commercial)

Duration	5 days
Target group	Personnel managing HV systems, switchgear, and compliance with electricity safety regulations.
Prerequisites	There are no prerequisites for this course.
Objective	<ul style="list-style-type: none">• Compliance with legislation.• An independent recommendation of suitability as an Authorised Person.• Better documentation, communication and enforcement of safe working procedures.
Contents	<ul style="list-style-type: none">• Requirements of statutory regulation/legislation.• Types of HV switchgear and their operation and maintenance.• Types of HV sub-station equipment, its operation and maintenance.• Types of distribution systems and the equipment used.• Types of protective devices and their application.• Application of Electricity Safety Regulations to HV ring and radial distribution systems.• Issue of Permits to Work and Sanction for Test.• Methods of network operation.• Records and documentation.• Cable location and identification.• Testing/commissioning of electrical distribution equipment.
Exam	<p>Learners complete practical exercises that involve the management, application and control of documentation.</p> <p>Learners are continually assessed, both in written and practical exercises, and there are opportunities to work with a wide range of equipment that will support their knowledge in the field.</p> <p>This course can be intense, it includes evening work, both the reading of course materials and completion of projects.</p>