

**Course Overview:**

This course is intended for electrical workers and engineers working with HV switchgear in industrial facilities and networks. This course has recently been updated in line with industry procedures and workplace practices to allow students to experience hands-on switching in the field.

**Course Objective:**

- Provide an understanding of hazards associated with switching high voltage equipment
- Highlight the dangers to personnel and the damage that could occur to equipment should correct procedures not be followed
- Provide participants with knowledge of fault levels and how these can be effected by the operation of various high voltage equipment
- Provide participants with the knowledge to write switching programs to ensure that high voltage equipment can be safely isolated and earthed for access to work on that equipment

**Course Outline:**

Safety regulations and procedures  
Switchgear types and operation  
The need for interlocks  
Simple primary protection  
High voltage network diagrams  
Distribution network protection  
Testing & commissioning of high voltage equipment

**Who Should Attend:**

This course is intended for electrical workers and engineers working with HV switchgear in industrial facilities and networks.

**Training Language:**

EN / AR

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation