



HIGH VOLTAGE (HV) AWARENESS

Aims and Outcomes

This course is designed to give participants the essential knowledge and associated skills to identify and control hazards associated with working on or near high voltage electrical equipment. To provide participants with a better understanding of the dangers of not checking, testing and failure to lock out tag out.



Prerequisite

There are no prerequisites for this course.

Course Content

The HV Awareness Training Plan is based on competencies within the Australian Qualification Framework (AQF):

- Select appropriate protective clothing for working on or near HV equipment
 - Clothing, helmet, gloves, boots, eye protection
- Explain the principles of safe working areas
 - Limits of approach, non-electrical personnel, plant areas, safety observers
 - Live HV work, dead HV work
 - Touch potential, step potential
 - Testing and earthing principles, portable earths
 - Isolating mechanisms and interlocks
 - Lock out tag out principles for dead (no power)
- Summarise the procedures involved in working on or near HV equipment
 - Earthing requirements, placing earths, location of earths, capacitors and cables, induction, locking
- Observe all necessary safety precautions
 - Job hazard analysis
 - Permit procedures, Isolation and tagging
 - Emergency procedures

Certification

On successful completion of the training, candidates will be awarded a Futuro Skills Certificate in High Voltage (HV) Awareness.

Duration

1 day

Maximum Candidates

10 persons