



# High Voltage Electrical Safety Training



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## Content

- Working safely with high voltage electrical current
- Handling of personal protective equipment for high voltage electrical current
- Handling of personal fall protection equipment
- Emergency plan techniques

## Course Content

- OHSA
- Electrical Current
- Electrical Shock, Arc and Blast
- Understanding of Electrical Hazards
- Electrical Lockout/Tagout
- De-energized Equipment
- Electrical Safety Work Practices
- Energized Equipment and Circuits
- Personal Protective Equipment
- Enclosed Spaces
- Ladders & Platforms
- Excavations
- Working on or Near Energized Equipment
- Clearance Distances for Installed Electrical Equipment
- De-energizing Lines



On successfully completing the course, attendees will be able to:

- Understand regulations related to working safely with HV.
- Implement the safe practices working on or near energized equipment
- Know the live line work, tools and equipment.
- Know the mobile equipment and electrical hazards.
- Understand the De-energized testing
- Creating a safe work zone (Tape In/Tape out)
- Implement a public Safety (limited approach) boundaries
- Know the minimum approach distance
- Test and verify equipment is de-energized
- Understand why you must ground
- Understand the field testing requirements



## Training Methodology

This course starts with general electrical safety requirements and practices and moves its way towards specific situations when dealing with overhead lines, substations, underground electrical installations, and power generators.



## Who Should Attend:

The course is aimed at all levels of maintenance, electrical employees and specifically for persons who are working with high voltage electrical lines and equipment.

