



Basic Safety Tips for Electrical Safety Awareness

Electrical current exposes workers to a serious, widespread workplace hazard and many workers are exposed to electrical energy while completing their daily responsibilities. According to the Centers of Disease Control and Prevention ([CDC](#)), there are four main types of electrical injuries.

1. Electrocution (which can be fatal)
2. Electric shock
3. Arc Flash and Burns
4. Fatal falls from height (including ladders) caused because of contact with electrical energy.

Electric shock Electricity travels in closed circuits through a conductor and a person's body can make an efficient conductor of electricity which mistakenly becomes part of the electric circuit creating an electric shock. Seeking immediate medical attention when someone received an electric shock is crucial, even if the victim does not show any signs of injury or stress as internal injuries can be present.

The Occupational Safety and Health Administration, ([OSHA](#)) requires employers to provide their employees with a working environment that is free from known and recognized hazards. An electrical safety program can become the blueprint for the procedures that employees must follow, and the safety measures that employers must put in place to protect employees from the hazards that electricity presents.

TEST then TOUCH. Know it's SAFE.

- Ensure the workers are qualified for the job.
- Identify all potential hazards beforehand.
- Wear correct PPE and ensure proper tools are used.
- Test the Circuit.
- Verify accuracy with a testing device.
- De-energize the circuit.
- Follow the appropriate lockout/tagout procedure.

