



Topic	Electrical Hazards and Control Measures
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Today our topic follows up on our training “USE AND MAINTAIN POWER HAND TOOLS” we will cover Electrical hazards and control measures.

### Electrical Hazards:

- Electric shock.
- Heating and source of ignitions.
- Mechanical and other hazards.

### Causes of Electrical Hazards:

- Faulty or damage wiring or equipment.
- Loose connections.
- Use of poor-quality fittings.
- Lack of earthing/bonding and grounding.
- Unauthorized persons in working area.
- Working on live equipment.
- Overloading of power sockets and equipment.
- Poor housekeeping.
- Handling of electrical equipment with an incompetent person and lack of training awareness.
- Lack of safe working procedure and communication.
- Failure to use appropriate PPE and use.
- Lack of warning signs.

### Electrical Safety Control Measures:

- A competent and experienced person shall be allowed to do electrical jobs.
- Do not work on live equipment, isolation and ensure all equipment has a clean break in electrical flow. Switch off and disconnect from power source.
- Do not hang cloth or any material on electrical equipment.
- Handling of electrical equipment or switchgear shall not be done with wet hands, body or in wet areas.
- Electrical switches or access to them shall not block by any material.
- Use appropriate PPE while working on electrical equipment.

TRAINING PURPOSES	ELECTRICAL SAFETY	Toolbox Talk No:1
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