Safe Work Procedure – Electrocution

Authorised by HR Manager

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ELECTRICITY AND ELECTROCUTION

Rings and jewellery must not be worn

Long and loose hair must be contained

Sturdy footwear with rubber soles must be worn

Close fitting/protective clothing to cover arms and legs must be worn as well as a leather apron

HAZARDS

- Equipment Damage can be caused by misuse of equipment, overloading the power supply or allowing the cord to come in contact with liquid and/or be run over during use.
- Fire or Explosions can be caused by overloading power points, using damaged equipment or allowing cords to run through areas where they may come into contact with water or chemicals
- Electrocution and electric Shock can occur when using damaged electrical equipment, from contact with live wires, or when electrical currents exposed to water
- Electrical Burns are burns that results from electricity passing through the body causing rapid injury
- Frayed Cords are often the cause of injury in the workplace. Ensure all devices are checked prior to use and do not use any device that has frayed cords

Overloaded Powerbaords

Electrical Fire

Metal Equipment

Frayed Cords

Electrical Burns

PRE-POST-OPERATIONAL SAFETY CHECKS

- Always inspect power leads and equipment before use
- Never use equipment with frayed or damaged cables
- Tag Out equipment which is damaged
- Do not use equipment that has been tagged out
- Do not use equipment that does not have a current “test” tag
- Do not use device if power points or adaptors are overloaded
- Do not allow cords to lay where they may get wet or run over by equipment
- Always remove cords from the socket by the plug, never pull on the cable

How far can electricity jump? That means electricity could arc out of the wire to any metal ladder or pole that gets close enough, even if it never makes contact. Most power companies warn workers to stay 10 feet away from power lines.

ALWAYS

- ✓ Assume power points are turned on
- ✓ Remember electricity does kill workers every day in Australia
- ✓ Remember electricity can jump (arc)

NEVER

- ✗ Overload a power board
- ✗ Overlook an unsafe practice – if you spot a problem, report it
- ✗ Take for granted safety when dealing with electricity