

SOP – Work in vicinity of Overhead Lines

This SOP may not cover all possible hazards and risks associated and should be referred to as a control measure in the risk assessment process. Site and task may change required PPE.

PERSONAL PROTECTIVE EQUIPMENT

You must wear this personal protective equipment when doing this task



OTHER SIGNAGE



POTENTIAL HAZARDS ASSOCIATED WITH RISKS

Recurring Hazards	Construction work
Damage to Property	Outdoor work
Public areas	Utilities & Services
Electrical	Plant & equipment

Training Required:

- ✓ Construction Industry General Induction
- ✓ Site Induction
- ✓ Task induction
- ✓ Machine operation

Licence or VOC Required: Yes / No

Required for Spotter

Consultation

- ✓ SWMS has been reviewed
- ✓ Site induction completed
- ✓ Toolbox talk held
- ✓ Discussed with other PCBU
- ✓ Notify regulator
- ✓ Potential emergencies considered

Pre-Operational Safety Checks:

- ✓ Complete site-specific risk assessment
- ✓ Workers trained & Competent
- ✓ Complete visual Machine pre-start checklist
- ✓ Be familiar with plant operations and controls
- ✓ Machines serviced to specification
- ✓ Machine guarding in place
- ✓ Consider Services isolated
- ✓ Public is protected
- ✓ Property is protected
- ✓ Control measures have been implemented
- ✓ It is safe to proceed

Tools & equipment required

- ✓ Selected Plant

Operating Procedures / Methodology:

Planning & Preparation

- ✓ Obtain Manufacturer's instructions
- ✓ Conduct a task specific Risk Assessment
- ✓ I have all the tools and materials required
- ✓ I understand the instructions on the task
- ✓ Ensure adequate lighting
- ✓ Maintain 3 points of contact when accessing machine

✓ Seat belts (if fitted)

must be worn

✓ Provide Exclusion zones

Doing

- ✓ Use in accordance with Manufacturer's Instructions
- ✓ Never carry passengers on a machine unless on a seat
- ✓ Check for other workers when moving a machine
- ✓ Road regulations apply
- ✓ All nominated control measures are used
- ✓ Follow SWMS, SOP and Risk Assessment
- ✓ Ensure clear pathway to exit
- ✓ See notes on Safety Observer below

Ending Operations / Housekeeping:

- ✓ Plant shall not have suspended loads
- ✓ Allow plant to cool before maintenance
- ✓ Report plant defects found during use
- ✓ Conduct Basic clean of machine
- ✓ Overnight warning lights are on
- ✓ Machine parked to minimise unauthorised use
- ✓ Return all tools and equipment
- ✓ Waste is recycled or disposed of
- ✓ Clean up your mess
- ✓ Store non-disposable PPE to prevent damage
- ✓ Report to your Supervisor

Monitor & Review Process

- ✓ If unsafe STOP, review get approval
- ✓ Supervisor to check all activities
- ✓ Task MUST be completed as per SOP
- ✓ Report to your Supervisor if unsure

Safety Observer

- If plant could enter the exclusion zone a safety observer to be present.
- The following conditions apply to the safety observer:
 - The safety observer cannot carry out any other duty
 - The safety observer has communication effectively with the operator
 - The safety observer cannot observe more than one item of plant
 - The safety observer should be trained to perform the role
 - The safety observer should mark the border of the exclusion zone with suitable markers e.g. red warning tapes, which can be easily viewed by the crane operator
 - The safety observer is not required to be proficient in CPR or rescue.
- If an approved person makes, contact with an energised line a safety observer must be present. In this case the safety observer should be competent in CPR and rescue.

Definitions

- *Authorised person* - a person who:
 - Has technical knowledge and experience to do work

DO NOT!

- × Use if plant is faulty. Tag-out and report fault to your supervisor
- × Leave plant running unattended
- × Attempt this operation in wet conditions until Risk Assessment is reviewed
- × Use mobile phone while operating plant
- × Alter this SOP without Management approval

Applicable Legislation / Standards:

- ✓ WH&S Act & Regulations
- Codes of Practice –
 - [First aid in the workplace](#)
 - [Work health and safety consultation, co-operation and co-ordination](#)
 - [Managing noise and preventing hearing loss at work](#)
 - [How to manage work health and safety risks](#)
 - [Hazardous manual tasks](#)
 - [Managing the work environment and facilities](#)
 - [Manual tasks involving the handling of people](#)
 - [Managing the risk of falls at workplaces](#)
 - [Electrical safety Working near overhead and underground electric lines](#)
 - [Managing risks of plant in the workplace](#)
 - [Traffic management for construction or maintenance work](#)
- ✓ Standards
 - AS 1319 Safety signs for the occupational environment
 - AS 2293 .2 emergency evacuation
 - AS 2444 fire extinguishers
 - ISO45001 OH&S management systems
 - ISO 31000 Risk management



- Has been approved by the person in control
- *Instructed person* - a person under supervision of an authorised person
- *Untrained person* - a person who is not an authorised person or an instructed person
- *Work* - work of any type, other than live work or electrical welding
- *The exclusion zone* - distance from the part stated in the table.
- The person includes any article of clothing worn by the person, and any conductive object
- Plant includes anything the operating plant has attached
- Vehicle includes anything the vehicle is carrying or otherwise handling
- Plant operated by an authorised person or instructed person who does not have a safety observer must be taken to be an untrained person

Safe work procedure approved by:

Refer to Company Implementation Folder for signed documents

Worker sign-off

Refer to Worker's induction file for signed documents