

SWMS 003: Working at Heights

Phone: +61 7 33766409
 Fax: +61 7 33766407
 E-mail: info@ecoelectric.com.au
 Web: www.ecoelectric.com.au

Ecoelectric Pty Ltd
 PO Box 218
 Mount Ommaney
 4074, QLD

ABN: 97281356919
 ECL: 70637 ACA: 22068



General Description:

Working with ladders and elevated work platforms. Working near ledges or on rooftops.

CONTROL METHODS - LICENSING REQUIREMENTS—PPE REQUIREMENTS AND NOTES

- Scaffolding
- Elevated Work Platform
- Asbestos Class B
- Electrical and Communications
- Working at Heights
- General Construction Safety



- 1 Do not start work until all employees have read and understand the SWMS.
- 2 Do not start work until all of the licensing, PPE and general requirements have been met.

Activity	Hazards	Base Risk	Safety Measures	Final Risk
Secure the site and setup for the job	General public and unforeseen hazards	8	Barricades, exit and emergency routes, materials handling, location and operation of safety equipment.	5
Analyze the job. General things to check.	Falling from heights, serious injury and death, dropping tools, damaging ceilings, breaking fittings.	8	Ensure that the surface is dry and free of slippery materials such as oil and plant growth. Analyze the category of slope by height and pitch to apply the correct fall protection. Any work over 2m will require working at heights training and any surfaces with a pitch greater than 35 degrees will require secondary fall protection such as a harness or guard rail. A fall protection system must be determined and implemented before works commence. Emergency response must be considered, discussed and ready. Discuss possible emergency scenarios and plan accordingly.	5
Ladders <2m or up to 6m using an extension ladder.	Falling from heights, serious injury and death.	7	All ladders are to be fibre glass and used on even ground. Ladders are to be placed at a slope of 4 (vertical) to 1 (horizontal) and appropriately tied off. When using extension ladders the maximum height to be accessed is 6m and the ladder must extend 1m passed the top and be securely tied off.	3

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Activity	Hazards	Base Risk	Safety Measures	Final Risk
Basic harness setup >2m	Falling from heights, serious injury and death.	9	Attach an anchor point on the opposite side of the roofs work area for each employee. Use existing screw holes to attach to the roofing structure or remove tiles to facilitate the process. A sling can be used to attach to the building structure, tree or vehicle if it will take 1500kg of weight. A load rated harness with shock absorbing lanyard must be worn by each employee and attached to their anchor via an appropriately rated rope. The rope is to be fit with a fall arrest device and tied off at the edge of their work area to ensure fail safe protection. All employees must work within 120 degrees of their respective anchor points. Any activity which requires a fall arrest system ie working close or over an edge will require an individual risk assessment or EWP.	4
EWP or Boom Lift >6m or where necessary	Falling from heights, serious injury and death.	9	Ensure that operators are licensed. Use only the gate for entry and exit and only when the machine is at ground level. Do not move machines at full height or operate on unstable surfaces. Employees must wear a harness when using an EWP.	4
Materials and Tools	Dropping materials and or tools onto public and or workers below. Destruction of property or personal injury.	7	Discuss a safe system for transporting materials to and from the elevated surface. Tie them off or use fall restraint when working above the general public or other workers. Do not EVER throw tools or materials from elevated surfaces. Erect barricades and kick boards where necessary.	2

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Activity	Hazards	Base Risk	Safety Measures	Final Risk
Weather Conditions	Falling from heights, serious injury and death. Lightning. Sunstroke and sunburn.	9	Working at heights in an exterior environment is not to occur during wet weather. For hot days work should be programmed to be carried out during the cooler hours and additional PPE such as sun screen may be required.	3

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Incidents and Review

Any incidents relating to the SWMS must be reported immediately so that the incident can be logged and a review can take place. All work is to be carried out to both the SWMS and any general applicable laws such as the Workplace Health and Safety Act 1995, Electrical Safety Act, Regulation and Code of Practice and any applicable Australian Standard such as AS 3000 and its associated volumes.

Tools and Calibration

Any tools or PPE used in the scope of this SWMS must be in good condition and calibrated.

Document Author History

Name	Signature	Date
Jeff Wehl—General Manager		12.7.2009
Jeff Wehl—General Manager		3.4.2011

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I have read and understand this SWMS

Name	License Type and #	Signature	Date
Jeff Wehl	Contractor—70637, Electrician—55013, Telecommunications—AO22868, Asbestos B—02189755, Forklift—00143036, Blue Card—0323361		

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