

ELECTRICAL DEMOLITION SAFE WORK METHOD STATEMENT (SWMS)

Business Contact:	Phone #:	Principal Contractor (PC):
Responsible person (for monitoring SWMS and work):		PC Address:
Signature:	Date:	PC Phone #: Date SWMS provided to PC:
Contact Phone #:		Job Site Address:

SITE MANAGEMENT PLAN	Is the work associated with a Construction Project? <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>If yes</i> – This SWMS must align with requirements of the Site Management Plan in place for the Construction Project.
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THIS WORK ACTIVITY INVOLVES THE FOLLOWING "HIGH-RISK CONSTRUCTION WORK" (HRCW - IDENTIFIED IN THE JOB TASK COLUMN)

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| <input type="checkbox"/> Confined spaces | <input type="checkbox"/> Mobile plant movement | <input type="checkbox"/> Demolition of a load-bearing structure | <input checked="" type="checkbox"/> Asbestos disturbance |
| <input type="checkbox"/> Using explosives | <input type="checkbox"/> Diving work | <input type="checkbox"/> Artificial extremes of temperature | <input type="checkbox"/> Tilt-up or pre-cast concrete |
| <input checked="" type="checkbox"/> Pressurised gas distribution mains or piping chemical, fuel or refrigerant lines energised electrical installations or services | | | |
| <input type="checkbox"/> Structures or buildings involving structural alterations or repairs that require temporary support to prevent collapse | | | |
| <input checked="" type="checkbox"/> Involves a risk of a person falling from 2m or more, including work on telecommunications towers | | <input type="checkbox"/> Work in a ceiling space (W.A. Only) | |
| <input type="checkbox"/> Working at depths greater than 1.5 metres, including tunnels or mines | | <input checked="" type="checkbox"/> Work in an area that may have a contaminated or flammable atmosphere | |
| <input type="checkbox"/> Work carried out adjacent to a road, railway or shipping lane, traffic corridor | | <input type="checkbox"/> In or near water or other liquid that involves the risk of drowning | |

WORKING WITH A RISK OF A FALL OVER 2 METRES. Select the fall from height 'hierarchy of control level' considered when establishing controls:

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|---|---|
| <input type="checkbox"/> L 1: Work on the ground or solid construction | <input type="checkbox"/> L 4: Use a fall arrest system e.g., safety harness, catch platforms |
| <input type="checkbox"/> L 2: Use a passive fall restraint system e.g., guard rails, scaffolding, EWP | <input type="checkbox"/> L 5: Implement administrative controls e.g., signage, or instruction |
| <input type="checkbox"/> L 3: Use a work positioning system e.g., travel restraint, rope access | <input type="checkbox"/> Other? |

More than one of these measures to reduce risk can be used. For example, engineering controls like edge protection can be implemented with administrative controls like training and use of this SWMS, while wearing PPE (non-slip shoes). Please describe why it is not reasonably practicable to use higher-order control measures. E.g. The job is less than 5 minutes on a ladder.

JOB TASK	HAZARDS	IR	CONTROL MEASURES		RR	RESPONSIBLE PERSON
			<i>INHERENT RISK-RATING (IR) BEFORE CONTROLS - RESIDUAL RISK-RATING (RR) AFTER CONTROLS</i>			
			<ul style="list-style-type: none"> ○ Kept in position at all times until the work is completed and it is safe to remove ○ Regularly inspected and maintained • Provide information to workers and other people on-site advising them of the exclusion zones • Maintain awareness of unauthorised people attempting to enter or entering the work area • If members of the public or unauthorised personnel enter the exclusion zone, stop work until removed from the work zone • Provide supervision so that no unauthorised person enters an exclusion zone. 			measures followed
4. Environment	Environmental impact	3H	<ul style="list-style-type: none"> • Noise & vibration - Be aware of maximum noise levels at the site • The plant is maintained to minimise noise • No noise produced outside council approved hours of operation • Engineering controls fitted to equipment (e.g. silencers) • Air quality - Ensure dust suppressants methods are in place • Waste - Ensure adequate provision made for the disposal of contaminated waste and the facility/site is capable of facilitating correct disposal methods • Ensure correct disposal requirements for materials are available – (see local council for appropriate waste disposal sites) • Fuels, oils & chemicals - Minimum amounts of hazardous substances kept on site • Labelled and securely stored • Refuelling of vehicles/equipment undertaken at least 6m from drains and waterways • Follow SDS directions for disposal of chemicals in approved waste containers • A spill kit is available at all times & spills cleaned up immediately follow SDS directions • Waterways & soils - Do not wash out plant, equipment or containers where residue can enter waterways or drains • Native vegetation & weeds - Ensure that plant is washed free of dirt, vegetation, debris before travelling between sites. • Vehicle movement - Follow the TMP, only travel on established tracks and roads • Use designated entry and exit points • Terrestrial fauna - No domestic animals are to be taken on-site • Ensure all food scraps placed in lidded bins. 		2M	<p>Supervisors to check all controls in place and followed</p> <p>Workers to follow controls and make supervisor aware of any issues</p>
5. House keeping	<ul style="list-style-type: none"> • Slips • Trips • Falls 	3H	<ul style="list-style-type: none"> • Maintain housekeeping throughout the shift & clean-up • Ensure sufficient lighting to detect changes in level (using temporary lighting as required) • Do not jump from elevated edges >180mm, step carefully and use prepared access areas • The work area is clean and uncluttered as possible • Do not place equipment where it could become a trip hazard • Check for stored items, corners or other obstructions that could cause tripping • Ensure there is room to manoeuvre and no obstacles in the way 		2M	Supervisor and workers to ensure control measures followed

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10. HRCW Coordinate shutdown & termination of all power supplies	Electrocution	4A	<p>⚠ All electrical conductors & parts, including neutral and earthing conductors, shall be treated as energised until proven de-energised. TEST BEFORE YOU TOUCH.</p> <ul style="list-style-type: none"> • Circuits to be modified MUST be clearly identified and isolated from the electrical supply; 1. Turn off the relevant circuit protective devices and lockout (Circuit breakers, switches and combined fuse switch units are locked out <ul style="list-style-type: none"> ○ Note: <i>If the electrical installation is complex, the isolation procedures must be verified by another competent person</i> 2. Use locks or suitable temporary securing devices (that cannot be disrupted) 3. Use lockout hasp for multiple padlocks. (Alternatively, remove and tie back connections) 4. Remove fuses using proper PPE 5. Fit danger label to isolated control/component 6. Verify Circuit is dead before commencing work (<i>Prove electrical testing equipment is working correctly on a known alternative supply before proving apparatus is de-energised.</i>) <p>⚠ Reference made to:</p> <ul style="list-style-type: none"> ○ AS 3017 - Electrical installation testing ○ AS 4836 - Safe working on low-voltage electrical installations. <ul style="list-style-type: none"> ⚠ <i>Ensure a Risk Assessment has been carried out (for any work within 3m of Energised Electrical Installations or Services)</i> ⚠ <i>A minimum of two first aiders with current level 2 first aid certificate (CPR and switchboard rescue)</i> ⚠ <i>Rubber Matting to be in place conforming to AS 2978</i> ⚠ <i>A hand-held fire extinguisher appropriate for electrical fires shall be in the vicinity of the work area</i> ⚠ <i>Place a rescue kit nearby</i> ⚠ <i>Ensure the area is adequately barricaded off at least 1m from the work area (Signage to be prominently displayed)</i> ⚠ <i>Notify other trades in the immediate area.</i> 		2M	Supervisors to check all controls in place and followed Workers to follow controls and make supervisor aware of any issues
11. HRCW Remove fixtures, fittings and cabling	Contact with utilities /services	4A	<ul style="list-style-type: none"> • Use site drawings, scanners, or stud locators to identify concealed services in walls • Ensure the exact location of the cut or penetration of the structure is clearly marked • Services such as electricity, gas, and water are identified and clearly marked • Water, gas, electricity is turned off to the property if required • Follow Lock-out/Tag-out procedures and obtain advice from a licensed electrician that power is isolated. 		2M	Supervisor and workers to ensure control measures followed