

## Dismantling Units Risk Assessment

Business Name:	ABN:	
Business Address:		
Contact Person:	Phone:	Email:

## THIS RISK ASSESSMENT IS APPROVED BY THE PCBU ON THIS PROJECT

Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (PCBU) is required to ensure that a RISK ASSESSMENT is prepared before the proposed work starts.

Full Name:		
Signature:	Title:	Date:

## CLIENT OR PRINCIPAL CONTRACTOR DETAILS

Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date Risk Assessment supplied to Project Manager:	

RISK MATRIX									
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HIERARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE			<b>Elimination</b> Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	<b>Substitution</b> Replace the hazard.	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.	Isolation Isolate People from the hazard	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	<b>Engineering</b> Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	<b>Administrative</b> Change	
								<b>PPE</b>	

### Risk Rating & Required Action:

4A	Stop work. The risk is intolerable. Eliminate the hazard or redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or higher-level authorisation is required.
3H	Review and approve additional controls before task starts. Senior supervisor sign-off needed.
2M	Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.
1L	Proceed, following standard operating procedures. Monitor and keep records.

### Consequence Scale:

Consequence	People (injury/illness)	Project / Assets	Compliance / Reputation
Catastrophic	Fatality or permanent total disability	project shutdown	Significant regulator intervention; criminal prosecution
Major	Serious injury/illness (hospital > 5 days)	critical delay	Improvement notice; major media coverage
Moderate	Medical-treatment injury; lost-time > 1 day	moderate delay	Minor breach; adverse client comment
Minor	First-aid only, no lost time	negligible delay	Isolated non-conformance
Insignificant	No injury	no schedule impact	Deviation caught and corrected on site

### Notes on Hierarchy of Controls:

Remember to apply controls in the preferred order shown by the coloured pyramid:

1. **Eliminate**
2. Substitute
3. Isolate
4. Engineering
5. Administrative
6. PPE

Always document **why** a lower-order control is accepted if elimination or substitution is not reasonably practicable.

*aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.*

JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Slips on loose materials, Poor communication	3H	<p>Conduct a toolbox talk to communicate the day's plan and safety procedures.</p> <p>Ensure all team members have appropriate Personal Protective Equipment (PPE).</p> <p>Clear the area of unnecessary materials and organize tools before starting.</p> <p>Establish clear communication channels with radio and hand signals.</p> <p>Designate team roles and responsibilities clearly.</p> <p>Verify that everyone is trained in manual handling techniques.</p> <p>Conduct a pre-start hazard inspection of the work area.</p> <p>Ensure proper signage is in place to warn of ongoing work.</p> <p>Check all tools and equipment for safety standards compliance.</p> <p>Identify the location of first aid equipment and emergency contacts.</p>	2M
2. Site Evaluation	Unidentified hazards, Structural weakness	3H	<p>Conduct a visual inspection for visible hazards such as unstable surfaces.</p> <p>Review past incident reports and historical information of the site.</p> <p>Utilize structural engineers if necessary for structural integrity assessment.</p> <p>Mark and barricade areas identified as potentially dangerous.</p> <p>Develop an emergency response plan for potential structural failures.</p> <p>Identify and remedy entry and exit points for safety and efficiency.</p> <p>Document all identified hazards and communicate them to staff.</p> <p>Implement a process for ongoing monitoring of site conditions.</p> <p>Provide training on hazard identification for all workers.</p> <p>Ensure communication of findings in daily briefings.</p>	1L
3. Equipment Inspection	Faulty machinery, Unsafe electrical equipment	4A	<p>Inspect all machinery for signs of wear and damage before use.</p> <p>Verify equipment has undergone regular maintenance checks.</p> <p>Ensure all electrical tools are tested and tagged through Test and Tag process.</p> <p>Report and replace faulty equipment immediately.</p> <p>Verify compliance with manufacturer's safety instructions for all machinery.</p> <p>Provide training on the usage of specific machinery and tools.</p> <p>Use non-conductive tools when operating near electrical hazards.</p> <p>Conduct a risk assessment specific to the use of heavy machinery.</p>	2M

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			Ensure workers are equipped with electrical-rated PPE. Implement a lockout/tagout system for faulty machinery.	
4. Dismantling Preparation	Falling debris, Inadequate support structures	3H	[REDACTED]	2M
5. Removal of Non-Structural Elements	Dust inhalation, Slip, trip and fall	3H	[REDACTED]	1L
6. Dismantling Structural Elements	Equipment failure, Falling structures	4A	[REDACTED]	2M

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7. Sorting and Disposal	Material mix-ups, Exposure to hazardous waste	3H		1L
8. Transporting Materials	Inadequate securing, Traffic accidents	3H		2M

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9. Site Clean-Up	Injuries from debris, Exposure to chemicals	2M	[REDACTED]	1L
10. Final Inspection	Overlooked hazards, Last minute changes	2M	[REDACTED]	1L
11. Team Debriefing	Miscommunication, Unresolved issues	2M	[REDACTED]	1L

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12. Equipment and Tools Maintenance	Improperly maintained equipment, Lack of proper storage	3H		1L
13. Documentation and Reporting	Incomplete documentation, Misinterpretation of	2M		1L
14. Safety Review	Overlooking minor incidents, Bias in safety evaluations	2M		1L

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15. Project Closure	Unaddressed follow-up tasks, Uncommunicated conclusions	2M		1L



## EMERGENCY RESPONSE – CALL 000 FOR EMERGENCIES

Ensure to have an Emergency Management Plan in place as well as adequate numbers of trained first aid staff with easy access to fully stocked first aid kits, rescue equipment, material safety data sheets, adequate access to emergency communication equipment and fire-fighting equipment suitable for all classes of fire and ignition sources.

## LEGISLATIVE REFERENCES

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES IF ANY STATE THAT ARE NOT APPLICABLE

### Queensland & Australian Capital Territory

Work Health and Safety Act 2011

Work Health and Safety Regulations 2011

Legislation QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws>

Codes of Practice QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice>

Legislation ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations>

Codes of Practice ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice>

### Victoria

Occupational Health and Safety Act 2004

Occupational Health and Safety Regulations 2017

Legislation VIC: <https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-regulations>

Codes of Practice VIC: <https://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice>

### New South Wales

Work Health and Safety Act 2011

Work Health and Safety Regulations 2017

Legislation NSW: <https://www.safework.nsw.gov.au/legal-obligations/legislation>

Codes of Practice NSW: <https://www.safework.nsw.gov.au/resource-library/list-codes-of-practice>

### Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: <https://www.commerce.wa.gov.au/worksafe/legislation>

Codes of Practice WA: <https://www.commerce.wa.gov.au/worksafe/codes-practice>

### Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulations 2011

Legislation NT: <https://worksafe.nt.gov.au/laws-and-compliance/workplace-safety-laws>

Codes of Practice NT: <https://worksafe.nt.gov.au/laws-and-compliance/codes-of-practice>

### Safe Work Australia Links

Law and Regulation (All States): <https://www.safeworkaustralia.gov.au/law-and-regulation>

Model Codes of Practice: <https://www.safeworkaustralia.gov.au/resources-publications/model-codes-of-practice>

### Model Codes of Practice

- Managing noise and preventing hearing loss at work
- Confined spaces
- Labelling of workplace hazardous chemicals
- Managing risks of hazardous chemicals in the workplace
- Welding processes
- First aid in the workplace
- Managing the risk of falls at workplaces
- Hazardous manual tasks
- Managing the risk of falls in housing construction
- Managing electrical risks in the workplace
- Demolition work
- Excavation work
- Work health and safety consultation, cooperation and coordination
- Managing the work environment and facilities
- How to manage work health and safety risks
- Managing risks of plant in the workplace
- Construction work

### South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: <https://www.safework.sa.gov.au/resources/legislation>

Codes of Practice for SA: <https://www.safework.sa.gov.au/workplaces/codes-of-practice#COPs>

### Tasmania

Work Health and Safety Act 2012

Work Health and Safety (Transitional and Consequential Provisions) Act 2012

Work Health and Safety Regulations 2012

Work Health and Safety (Transitional) Regulations 2012

Legislation for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations>

Codes of Practice for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice>

Details of permits, licenses or access required by regulatory bodies (add or delete as required):

- Permits from local council
- Authorisation to commence work
- Any required documents.