

Dismantling Faulty Masonry Structures 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			Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	Substitution 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.	Engineering Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	Administrative Change	
								PPE	

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:

- Eliminate**
- Substitute
- Isolate
- Engineering
- Administrative
- 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, trips, and falls, Exposure to dust	3H	<ul style="list-style-type: none"> - Conduct site induction for all workers - Ensure proper Personal Protective Equipment (PPE) is available - Barricade the work area to prevent unauthorised access - Provide adequate lighting in all work areas - Communicate work plan and emergency procedures - Ensure first aid kits are accessible on site - Conduct hazard identification prior to starting work - Mark out safe walkways and work zones - Minimise dust through water suppression methods - Train workers in correct manual handling techniques 	2M
2. Inspect Worksite	Structural instability, Sharp objects	3H	<ul style="list-style-type: none"> - Use qualified personnel to inspect the structure - Identify and mark areas of potential collapse - Remove debris and clean the area of sharp objects - Use ladders or scaffolding safely as per regulations - Avoid entering areas with visible instability - Wear appropriate gloves and protective footwear - Ensure all workers are aware of identified hazards - Communicate findings with the team - Use signs to warn of identified hazards - Limit access to unstable zones 	2M
3. Develop Safe Work Method Statement (SWMS)	Miscommunication, Incomplete hazard identification	2M	<ul style="list-style-type: none"> - Involve all team members in SWMS preparation - Use checklists to ensure all hazards are covered - Review SWMS with all workers before starting work - Ensure SWMS is readily available on site - Update SWMS as new hazards are identified - Communicate clearly in languages understood by all workers - Designate a SWMS coordinator - Have a system for collecting feedback from workers 	1L

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			<ul style="list-style-type: none"> - Use graphics and diagrams to enhance understanding - Provide training on SWMS compliance 	
4. Set Up Tools and Equipment	Equipment failure, Struck by moving tools	3H	<ul style="list-style-type: none"> - Use correct tools and equipment - Inspect tools and equipment before use - Ensure tools and equipment are in good condition - Use correct technique when using tools and equipment - Keep work area clear of obstacles - Use proper lifting technique - Avoid overexertion - Use correct body mechanics - Keep feet firmly planted - Avoid twisting the body - Use proper posture - Take regular breaks - Stay hydrated - Wear appropriate clothing - Use safety harness when working at height - Use proper fall protection - Avoid working alone - Have a spotter when working at height - Use proper communication - Follow all safety instructions - Stop work if you feel unsafe 	2M
5. Isolate Services	Electrical shock, Gas leaks	3H	<ul style="list-style-type: none"> - Lock out/tag out (LOTO) procedures - Verify isolation of services - Test for gas leaks - Use gas detectors - Ventilate the area - Avoid open flames - Use proper electrical safety procedures - Avoid touching live parts - Use insulated tools - Wear appropriate PPE - Follow all safety instructions - Stop work if you feel unsafe 	1L
6. Dismantling	Falling debris, Overexertion	4A	<ul style="list-style-type: none"> - Use proper dismantling technique - Use correct tools and equipment - Inspect tools and equipment before use - Ensure tools and equipment are in good condition - Use correct technique when using tools and equipment - Keep work area clear of obstacles - Use proper lifting technique - Avoid overexertion - Use correct body mechanics - Keep feet firmly planted - Avoid twisting the body - Use proper posture - Take regular breaks - Stay hydrated - Wear appropriate clothing - Use safety harness when working at height - Use proper fall protection - Avoid working alone - Have a spotter when working at height - Use proper communication - Follow all safety instructions - Stop work if you feel unsafe 	2M

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7. Transportation of Debris	Manual handling injuries, Vehicle incidents	3H		2M
8. Clean Up	Residual dust and debris hazards	2M		1L
9. Conduct Final Inspection	Missed hazards, Inconsistent work quality	2M		1L

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10. Restore Services	Service failure upon reactivation, Uncontrolled re-energisation	2M		1L
11. Demobilisation	Injury during removal of equipment, Traffic disruptions	3H		2M
12. Incident Reporting	Failure to report incidents, Miscommunication	2M		1L

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13. Debriefing	Unaddressed safety concerns, Lack of feedback integration	2M		1L
14. Review	Inadequate evaluation, Failure to integrate safety procedures	2M		1L
15. Documentation and Records	Loss of critical information, Non-compliance	2M		1L

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SAMPLE

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>

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>

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>

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.

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>

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>

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