

## Asbestos Containing Materials Removal 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.	<b>Isolation</b> 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:

<b>4A</b>	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.
<b>3H</b>	Review and approve additional controls before the task starts. Senior supervisor sign-off needed.
<b>2M</b>	Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.
<b>1L</b>	Proceed, following standard operating procedures. Monitor and keep records.

### Consequence Scale:

Consequence	People (injury/illness)	Project / Assets	Compliance / Reputation
<b>Catastrophic</b>	Fatality or permanent total disability	project shutdown	Significant regulator intervention; criminal prosecution
<b>Major</b>	Serious injury/illness (hospital > 5 days)	critical delay	Improvement notice; major media coverage
<b>Moderate</b>	Medical-treatment injury; lost-time > 1 day	moderate delay	Minor breach; adverse client comment
<b>Minor</b>	First-aid only, no lost time	negligible delay	Isolated non-conformance
<b>Insignificant</b>	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	Inhalation of asbestos fibres, Physical injury from handling equipment	3H	<ul style="list-style-type: none"> <li>- Ensure all personnel are trained in asbestos handling and removal</li> <li>- Conduct a site induction and provide personal protective equipment (PPE)</li> <li>- Use appropriate signage to warn of asbestos risks</li> <li>- Set up a decontamination unit next to the work area</li> <li>- Establish clear work zones to separate contaminated from clean areas</li> <li>- Conduct air monitoring to measure asbestos fibre levels</li> <li>- Adhere strictly to Safe Work Method Statements (SWMS)</li> <li>- Ensure all tools and equipment are in good working order</li> <li>- Limit access to authorised personnel only</li> <li>- Double check asbestos register and work clearance</li> </ul>	2M
2. Isolation	Contamination spread, Inadequate isolation setup	4H	<ul style="list-style-type: none"> <li>- Seal all vents, windows and other openings with plastic sheeting</li> <li>- Disable HVAC systems within the affected area</li> <li>- Establish and signpost boundaries using barrier tape</li> <li>- Employ negative pressure ventilation units</li> <li>- Conduct regular inspections of isolation measures</li> <li>- Communicate isolation procedures clearly to all workers</li> <li>- Use airlocks for entry and exit to worksite</li> <li>- Maintain a safe distance from unaffected areas</li> <li>- Ensure all plastic sheeting is double-layered</li> <li>- Use proper methods for sealing edges and joins</li> </ul>	2M
3. Removal	Exposure to asbestos fibres, Manual handling injuries	4A	<ul style="list-style-type: none"> <li>- Use only approved tools, avoiding high-speed power tools</li> <li>- Apply water mist to minimise fibre release</li> <li>- Double-bag asbestos materials immediately after removal</li> <li>- Use mechanical lifting aids where necessary</li> <li>- Follow the Safe Work Method Statement closely</li> <li>- Conduct work in shifts to reduce fatigue</li> <li>- Provide continuous supervision by a competent person</li> <li>- Monitor air quality throughout the process</li> </ul>	2M

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			<ul style="list-style-type: none"> <li>- Dispose of all waste as per Environmental Protection Authority guidelines</li> <li>- Use slow, careful movements to prevent fibre disturbance</li> </ul>	
4. Decontamination	Contamination outside work area, Exposure during PPE removal	3H	<ul style="list-style-type: none"> <li>- Wear appropriate PPE (goggles, gloves, lab coat)</li> <li>- Decontaminate work area and equipment</li> <li>- Use appropriate disposal methods for contaminated materials</li> <li>- Ensure proper ventilation during decontamination</li> <li>- Avoid direct contact with contaminated surfaces</li> <li>- Use appropriate cleaning agents and techniques</li> <li>- Monitor air quality during decontamination</li> <li>- Keep contaminated materials in sealed containers</li> <li>- Avoid spreading contamination</li> <li>- Use appropriate disposal methods for contaminated materials</li> <li>- Ensure proper ventilation during decontamination</li> <li>- Avoid direct contact with contaminated surfaces</li> <li>- Use appropriate cleaning agents and techniques</li> <li>- Monitor air quality during decontamination</li> <li>- Keep contaminated materials in sealed containers</li> <li>- Avoid spreading contamination</li> </ul>	1L
5. Waste Disposal	Release of fibres during transport, Improper labelling	3H	<ul style="list-style-type: none"> <li>- Use appropriate PPE (goggles, gloves, lab coat)</li> <li>- Label waste containers appropriately</li> <li>- Use appropriate disposal methods for waste</li> <li>- Ensure proper ventilation during waste disposal</li> <li>- Avoid direct contact with waste</li> <li>- Use appropriate cleaning agents and techniques</li> <li>- Monitor air quality during waste disposal</li> <li>- Keep waste containers sealed</li> <li>- Avoid spreading waste</li> <li>- Use appropriate disposal methods for waste</li> <li>- Ensure proper ventilation during waste disposal</li> <li>- Avoid direct contact with waste</li> <li>- Use appropriate cleaning agents and techniques</li> <li>- Monitor air quality during waste disposal</li> <li>- Keep waste containers sealed</li> <li>- Avoid spreading waste</li> </ul>	2M
6. Site Clearance	Residual contamination, Unnoticed damage	2M	<ul style="list-style-type: none"> <li>- Use appropriate PPE (goggles, gloves, lab coat)</li> <li>- Monitor air quality during site clearance</li> <li>- Avoid direct contact with residual contamination</li> <li>- Use appropriate cleaning agents and techniques</li> <li>- Monitor air quality during site clearance</li> <li>- Avoid direct contact with residual contamination</li> <li>- Use appropriate cleaning agents and techniques</li> <li>- Monitor air quality during site clearance</li> <li>- Avoid direct contact with residual contamination</li> <li>- Use appropriate cleaning agents and techniques</li> <li>- Monitor air quality during site clearance</li> <li>- Avoid direct contact with residual contamination</li> <li>- Use appropriate cleaning agents and techniques</li> <li>- Monitor air quality during site clearance</li> <li>- Avoid direct contact with residual contamination</li> </ul>	1L

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7. Demobilisation	Injury from disassembly operations, Residual contamination spread	2M		1L
8. Reporting	Incomplete documentation Misrepresented data	2M		1L
9. Post-Project Review	Failure to address shortcomings, Non-compliance issues	2M		1L

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10. Maintenance Check	Missed equipment faults, Environmental compliance issues	2M		1L
11. Training Recap	Skill gaps remain, Training inadequacies identified	2M		1L
12. Communication Protocol	Gaps in understanding, Delayed information flow	2M		1L

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13. Emergency Management	Delayed response to emergencies, Inadequate emergency preparedness	3H		1L
14. Equipment Management	Equipment failure, Improper use of equipment	2M		1L
15. Stakeholder Engagement	Misinformation, Stakeholder disengagement	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>

### 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.