

**Mould Exposure 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:	

SAMPLE

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.	Administrative Change	
								PPE	

  

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 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	lack of PPE, insufficient lighting	3H	<ul style="list-style-type: none"> <li>- Ensure all workers have appropriate PPE before starting</li> <li>- Conduct a toolbox talk focusing on PPE use and maintenance</li> <li>- Verify proper and working lighting in all areas</li> <li>- Provide training on the risks of mould exposure and preventive measures</li> <li>- Pre-assess and communicate worksite-specific conditions with the team</li> <li>- Ensure first aid equipment is accessible and personnel trained</li> <li>- Control access to potentially affected areas</li> <li>- Establish and enforce clear work schedules</li> <li>- Provide workers with hydration stations</li> <li>- Encourage early reporting of health symptoms</li> </ul>	2M
2. Inspection	airborne mould spores, hidden dampness	4H	<ul style="list-style-type: none"> <li>- Use masks with HEPA filters to minimise inhalation</li> <li>- Employ moisture meters to identify hidden dampness</li> <li>- Perform visual inspections with specialised lighting</li> <li>- Keep team observing safe distance and maintain communicate protocol</li> <li>- Wear gloves to prevent skin contact</li> <li>- Remove known mould areas first, before the detailed inspection</li> <li>- Document areas suspected of mould for revisit</li> <li>- Ensure regular breaks are scheduled</li> <li>- Avoid food or drinks in inspection areas</li> <li>- Prepare properly for any necessary decontamination</li> </ul>	3H
3. Ventilation Setup	poor air circulation, inadequate equipment	4A	<ul style="list-style-type: none"> <li>- Install high-efficiency air purification devices</li> <li>- Ensure all equipment is fully functional and inspected regularly</li> <li>- Create negative air pressure areas to contain mould</li> <li>- Open windows and doors to increase natural airflow</li> <li>- Set up barriers and warning signs around hazard zones</li> <li>- Train workers on emergency procedures if ventilation fails</li> <li>- Establish communication channels for safety updates</li> <li>- Verify ventilation setup before task commencement</li> </ul>	2M

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			<ul style="list-style-type: none"> <li>- Use fans strategically to maintain air circulation</li> <li>- Check weather conditions and plan accordingly</li> </ul>	
4. Protective Equipment Check	incompatible PPE, equipment failure	4A	[REDACTED]	2M
5. Containment	mould spillage, cross-contamination	3H	[REDACTED]	1L
6. Removal	material handling strains, dust generation	4A	[REDACTED]	2M

SAMPLE

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			[REDACTED]	
7. Cleaning	residual mould particulates, chemical use	3H	[REDACTED]	1L
8. Air Quality Monitoring	inaccurate readings, no response	3H	[REDACTED]	2M
9. Decontamination	improper disposal, chemical burns	4A	[REDACTED]	2M

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			[REDACTED]	
10. Final Inspection	missed spots, biased judgement	3H	[REDACTED]	1L
11. Documentation	incomplete records, data breaches	3H	[REDACTED]	1L
12. Evaluation	biased analysis, incorrect conclusions	3H	[REDACTED]	2M

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			[REDACTED]	
13. Feedback	miscommunication, resistance to change	3H	[REDACTED]	1L
14. Training	inadequate training content, participant disengagement	3H	[REDACTED]	1L
15. Continuous Improvement	stagnation, failure to recognise emerging risks	3H	[REDACTED]	2M

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 FOR 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-of-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/work-places-and-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>

**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/work-places/codes-of-practice#COPs>

**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

**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.

