

## Investigation Of Incidents Risk Assessment

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

## THIS RISK ASSESSMENT IS APPROVED BY THE PCBU ON THE 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>	
<b>Risk Rating &amp; Required Action:</b>								<b>Notes on Hierarchy of Controls:</b>	
<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.						Remember to apply controls in the preferred order shown by the coloured pyramid:	
<b>3H</b>		Review and approve additional controls before task starts. Senior supervisor sign-off needed.						1. <b>Eliminate</b>	
<b>2M</b>		Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.						2. Substitute	
<b>1L</b>		Proceed, following standard operating procedures. Monitor and keep records.						3. Isolate	
<b>Consequence Scale:</b>								4. Engineering	
<b>Consequence</b>	<b>People (injury/illness)</b>		<b>Project / Assets</b>		<b>Compliance / Reputation</b>			5. Administrative	
<b>Catastrophic</b>	Fatality or permanent total disability		project shutdown		Significant regulator intervention; criminal prosecution			6. PPE	
<b>Major</b>	Serious injury/illness (hospital > 5 days)		critical delay		Improvement notice; major media coverage			Always document <b>why</b> a lower-order control is accepted if elimination or substitution is not reasonably practicable.	
<b>Moderate</b>	Medical-treatment injury; lost-time > 1 day		moderate delay		Minor breach; adverse client comment			<i>aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.</i>	
<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				

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	inadequate documentation, miscommunication	3H	<ul style="list-style-type: none"> <li>- Review all existing incident reports and documentation</li> <li>- Establish clear communication channels</li> <li>- Assign specific roles for all team members involved</li> <li>- Conduct a briefing session to outline the investigation process</li> <li>- Develop a checklist for the incident investigation</li> <li>- Prepare necessary equipment such as cameras and note-taking tools</li> <li>- Ensure all documentation is easily accessible</li> <li>- Schedule regular progress meetings</li> <li>- Designate a communication leader for information dissemination</li> <li>- Confirm team members understand their tasks</li> </ul>	2M
2. Arrival at Site	unknown hazards on site, incomplete PPE usage	3H	<ul style="list-style-type: none"> <li>- Conduct a dynamic risk assessment upon arrival</li> <li>- Ensure all team members are wearing appropriate PPE</li> <li>- Establish a safety perimeter around the incident area</li> <li>- Identify any special permissions required for site access</li> <li>- Brief the team on identified site-specific hazards</li> <li>- Ensure a first-aid kit is readily available</li> <li>- Introduce a buddy system for hazard monitoring</li> <li>- Ensure communication devices are operational</li> <li>- Designate an emergency contact person</li> <li>- Confirm the presence of emergency exit routes</li> </ul>	1L
3. Initial Observation	overlooking critical evidence, unsafe site conditions	3H	<ul style="list-style-type: none"> <li>- Perform a methodical walkthrough of the incident area</li> <li>- Document the scene with photographs and notes</li> <li>- Identify visible signs of hazards</li> <li>- Avoid disturbing any potential evidence</li> <li>- Ensure all observations are cross-verified by a second investigator</li> <li>- Implement controls for any immediate site hazards</li> <li>- Limit the number of personnel in the investigation area</li> <li>- Use flags or markers for significant evidence points</li> </ul>	2M

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			<ul style="list-style-type: none"> <li>- Conduct team debriefing to cover initial observations</li> <li>- Secure evidence until further analysis</li> </ul>	
4. Evidence Collection	contamination of evidence, mislabelled evidence	3H	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	2M
5. Witness Interviews	leading questions, emotional distress	3H	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	2M
6. Analysis	data misinterpretation, biased conclusions	3H	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	1L

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7. Report Writing	incomplete reports, confidentiality breaches	2M		1L
8. Recommendations	ineffective controls, overlooked improvements	3H		2M
9. Implementation of Controls	resistance from staff, incomplete adoption	3H		2M

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10. Review and Monitoring	overlooking compliance breaches, insufficient follow-up	2M		1L
11. Feedback Collection	biased feedback, low participation	2M		1L
12. Continuous Improvement	stagnation in safety culture, failure to innovate	3H		1L

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13. Emergency Procedures Update	outdated procedures, untrained staff	3H		1L
14. Documentation and Record Keeping	data loss, non-compliance with legal standards	2M		1L
15. Communication of Findings	misinterpretation of data, failure to reach all stakeholders	2M		1L

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			<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	
16. Policy Review	policy gaps, lack of stakeholder input	3H	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	2M



## 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.