

	Funnelling Risk Assessmei	nt	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
THIS RISK ASSESS	MENT IS APPROVED BY THE PCI		
Under the Work Health and Safety Regulation (WHS Regulation), a pis prepared before the proposed work starts.	person conducting a busine or ur	ndertaking PCBU required to ensu	re that a RISK ASSESSMENT
Full Name:			
Signature:		ritle:	Date:
CL		DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project New Project			



RISK MATRIX									
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE MA	JOR CATASTROPH			HIERARCHY OF CONTROLS		
ALMOST CERTAIN	3 HIGH	3 HIGH		4 4 JTE ACUTE	SCORE	ACTION	Elimination Remove the hazard.		
LIKELY	2 MODERATE	3 HIGH	U U U U U U U U U U U U U U U U U U U	4 4 JTE ACUTE	4A ACUTE	DO NOT PROCEED	Substitution Replace the hazard. Isolation		
POSSIBLE	1 LOW	2 MODERATE		4 JTE ACUTE	3H HIGH	Rev before work art	Isolate People from the hazard Engineering Isolate the		
UNLIKELY	1 LOW	1 LOW		3 Z GH ACU E	MC RATE	Ensure control measures in place.	Activité istrativ e Chang		
RARE	1 LOW	1 LOW		3 GH H. 1	1L LOW	Monitor and keep records.	PP		
4A       Stop work. The risk is intolerable, cominate the hazard or redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or his er-level authorisation is required.       Remember to coloured pyrar         3H       Review and approve additional controls the control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions.       Image: Control state of the proceed with caution; monitor conditions. <th><ol> <li>Substitute</li> <li>Isolate</li> <li>Engineering</li> </ol></th>							<ol> <li>Substitute</li> <li>Isolate</li> <li>Engineering</li> </ol>		
Consequence		injury/illness)	Project / Ass	Significant regula	pliance / Reputat ator intervention; c		Always document why a lower-order control is accepted if		
Catastrophic Major	Fatality or perma Serious injury/illr days)			wn prosecution	tice; major media		elimination or substitution is not reasonably practicable. aligned with Safe Work Australia's Managing the risk of fatigue at		
Moderate	Medical-treatmen	nt injury; lost-tim	e > 1 moderate dela	y Minor breach; ad	Minor breach; adverse client comment		work (2023) and ISO 45001:2018 clauses 6–8.		
Minor	First-aid only, no	lost time	negligible dela	y Isolated non-con	formance				
			no schedule		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	Miscommunication, Inadequate training	ЗН	<ul> <li>Conduct comprehensive inductions for all workers</li> <li>Implement a clear communication protocol</li> <li>Display safety signage and instructional hererial</li> <li>Assign a dedicated safety officer on-site</li> <li>Regularly review and update training materials</li> <li>Use digital tools for ongoing terning and assessments</li> <li>Organise pre-structure terms for usly hazard briefings</li> <li>Ensure clear cole and rest insibility assignments</li> <li>Majnein a tracing locate all personne</li> <li>Encourse report of communication issues</li> </ul>	2М
2. Equipment Inspection	Faulty machinery, Unpercented tools	4	<ul> <li>Schedue regular matumance checks</li> <li>Schedue regular matumance checks</li> <li>Seate scheckes for daily equipment inspections</li> <li>Ensure operators have relevant certifications</li> <li>Seep a detailed log of all maintenance activities</li> <li>Remove any faulty equipment from service immediately</li> <li>Equip all operators with PPE suitable for machinery use</li> <li>Conduct regular audits of maintenance procedures</li> <li>Provide training on equipment handling</li> <li>Ensure adherence to manufacturer guidelines</li> <li>Implement an equipment tagging system for defects</li> </ul>	2M
3. Site Survey	Unstable ground conditions, Inaccurate mapping	4A	<ul> <li>Conduct geological surveys before work commencement</li> <li>Implement ground risk assessment procedures</li> <li>Employ qualified surveyors for accurate mapping</li> <li>Utilise technology like drones for area surveying</li> <li>Establish constant monitoring for ground shifts</li> <li>Communicate survey results clearly to all teams</li> <li>Train workers on recognising unstable conditions</li> <li>Adjust work plans based on survey results</li> </ul>	2M



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			- Ensure reverse mapping aligns with real-time data	
			- Use GPS tools for high accuracy	
4. Drilling Operations	Explosion risk, Falling debris	4A		ЗН
5. Excavation	Cave-ins, Equipment collisions	44		ЗН
6. Tunnel Support Installation	Structural failure, Crane accidents	4A		ЗН

Version 2.5



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7. Ventilation Setup	Gas accumulation, Poor air quality	4A		2M
8. Electrical Installation	Electric shock, Fire	JA		2M
9. Water Management	Flooding, Water contamination	4A		2M

Version 2.5

Review #



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10. Worker Evacuation	Delayed response, Injury during evacuation	4A		2M
11. Fire Safety	Potential for fire, Smoke inhalation	4A		2М
12. Hazardous Material Handling	Human exposure, Environmental spill	4A		2М

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13. Confined Space Work	Limited oxygen, Entrapment	4A		2M
14. Noise Management	Hearing damage, Communeting damage	4A		2M
15. Lighting Setup	Insufficient lighting, Electrical hazard	ЗН		2М

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16. Traffic Management	Vehicular collisions, Pedestrian accidents	4A		3Н
17. Worker Fatigue Management	Reduced concentration, Slow reaction time	4A		2M
18. Emergency Response	Delayed medical attention, Unclear procedures	4A		2M

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19. Waste Management	Improper waste disposal, Contamination	ЗН		2M
20. Site Security	Unauthorised entry, Theft	ЗН		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 LEGI	SLATIVE REFERENCES ANY STATE AT 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 Octopational Health as Safety Act and 4 Octopational Health and preference gulations 2017 Legistron VIC: https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulatures Codes of mactice VIC <u>extps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice</u>						
New South Wales         Work Health and Safety Act 2011         Work Health and Safety Regulations 2017         Legislation NSW: <a href="https://www.safework.nsw.gov.au/legal-obligations/legislatic">https://www.safework.nsw.gov.au/legal-obligations/legislatic</a> Codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislatic</a>	Western Australia Work Health and Safety Act 2020 Work Health and Safety Regulations 2022 Legislation Western Australia: <u>https://www.commerce.wa.gov.au/worksafe/legislation</u> Codes of Practice WA: <u>https://www.commerce.wa.gov.au/worksafe/codes-practice</u>						
Northern Territory Work Health and Safety (National Uniform Legislation) Act 2011 Work Health and Safety (National Uniform Legislation) Regulation 2011 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/wo</u> <u>place-serv-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/formed-resourtestorestorestorestorestorestorestorest</u>	Safe Work Australia Links Law and Regulation (All States): <u>https://www.safeworkaustralia.gov.au/law-and-regulation</u> Model Codes of Practice: <u>https://www.safeworkaustralia.gov.au/resources-publications/model- codes-of-practice</u> Model Codes of Practice						
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (SA) Legislation for SA: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_aces/codes-of-practice#COPs</u>	<ul> <li>Managing noise and preventing hearing loss at work</li> <li>Confined spaces</li> <li>Labelling of workplace hazardous chemicals</li> <li>Managing risks of hazardous chemicals in the workplace</li> <li>Welding processes</li> </ul>						
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: <a href="https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations">https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations</a> Codes of Practice for TAS: <a href="https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice">https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice</a>	<ul> <li>Weiding processes</li> <li>First aid in the workplace</li> <li>Managing the risk of falls at workplaces</li> <li>Hazardous manual tasks</li> <li>Managing the risk of falls in housing construction</li> <li>Managing electrical risks in the workplace</li> <li>Demolition work</li> <li>Excavation work</li> <li>Work health and safety consultation, cooperation and coordination</li> </ul>						
Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence work	<ul> <li>Managing the work environment and facilities</li> <li>How to manage work health and safety risks</li> <li>Managing risks of plant in the workplace</li> <li>Construction work</li> </ul>						

- Any required documents.