

Enter Confined Space	ces Like Maintenance Tunn	els Risk Assessment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Ema.	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PCI	BU ON W PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a is prepared before the proposed work starts.	person conducting a busine or un	ndertaking PCBU required to ensu	re that a RISK ASSESSMENT
Full Name:			
Signature:		ritle:	Date:
CL	OR PRI. CIL L. CO. TRACTOR I	DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project Iv			

Version 2.5 Authorised by Review # Review Date:



RISK MATRIX LIKELIHOOD INSIGNIFICANT MINOR MODERATE MAJOR CATASTROPHIC HIERARCHY OF CONTROLS SCORE ACTION Elimination ALMOST 3 HIGH 3 HIGH 4 4 ACUTE ACUTE ACUTE **CERTAIN** Remove the hazard. Substitution 4 4 DO NOT Replace the hazard. LIKELY MODERATE HIGH HIGH ACUTE ACUTE ACUTE ROCEED Isolation Isolate People from the hazard 2 3 4 3H Rev before POSSIBLE MODERATE ACUTE ACUTE LOW HIGH HIGH. work Engineering Isolate the l/Acchanich. Ensure control 2 3 2M istrativ UNLIKELY measures in LOW LOW MODERATE HIGH ACU RATE е place. Chang 2 MODERATE 3 HIGH 1L Monitor and RARE LOW LOW LOW keep records.

Risk Rating & Required Action:

4A	Stop work. The risk is intolerable,	minate the hazard	redesign the activity before proceeding. A Safe Work
	Method Statement (SWMS) or hi	er-level authorisation	is required.
3H	Review and approve additional c	role ask	arts. Senior supervisor sign-off needed.
2M	Ensure all nominated controls are in	prace and efficive	Proceed with caution; monitor conditions.
1L	Proceed, following standard operating	ng procedurer //oni	itor 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:

- 1. Éliminate
- 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. Obtain Entry Permit	Inadequate authorization, Lack of communication	ЗН	 Implement a permit-to-work system for confined space entry Ensure communication protocols are clear an understood by all involved personnel Verify all necessary authorizations and significant are acquired Conduct a pre-entry meeting to address any coeff Maintain a record of the permit to track the entry curation and completion Ensure permit specifies the proficular confined space accessks to be conducted Confirm the exploration of times in the entry permit Identify any corm rescue personness and include it in the permit Develop a character of times in the armit requirements Develop a character of times are the carmit requirements Conclusional distinction and requirements Conclusional distinction and recessary documentation for inspection and auditing 	2M
2. Conduct Risk Assessment	Unidentified hazards, Confusion about risk levels	31	- Condula a trapugh subspecific risk assessment for the confined space - the arrich to evaluate and document all possible hazards Involved personnel in a workshop to discuss potential risks Involved personnel in a workshop to discuss potential risks Involved personnel in a workshop to discuss potential risks Involved personnel in a workshop to discuss potential risks Involved personnel in a workshop to discuss potential risks Involved personnel in a workshop to discuss potential risks - Ensure clear understanding of all identified hazards among workers - Document and communicate findings to all relevant stakeholders - Ensure all workers are trained in risk assessment procedures - Define control measures specific to identified risks - Engage an external WHS specialist for review, if necessary	1L
3. Ventilation Planning	Oxygen deficiency, Toxic gas accumulation	4A	 Set up ventilation equipment to ensure continuous air movement Measure oxygen levels regularly using reliable oxygen monitoring devices Use calibrated gas detectors to monitor and record gas levels Develop and implement gas and air testing schedules Ensure ventilation equipment is operational and maintained Provide training on the use of ventilation and detection equipment Install alarms to warn when air quality is insufficient Design a failsafe system to initiate additional ventilation in emergencies 	2M



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			- Ensure ventilation design meets occupational health standards	
			- Establish a backup system for ventilation power supply	
4. Hazardous Substance Control	Contact with chemicals, Exposure to airborne contaminants	3H		1L
5. Personal Protective Equipment	Incompatible PPE improper PPT sage	ЗН		1L
6. Emergency Planning	Delayed emergency response, Inadequate evacuation procedures	4A		2M



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7. Worker Training	Lack of hazard awareness, Improper handling of equipment	ЗН		1L
8. Atmosphere Testing	Presence of flammable gases, Harry II vapours	4A		2M
9. Monitoring and Supervision	Lack of oversight, Inefficient communication	3H		2M



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10. Energy Isolation	Uncontrolled energy release, Electrical	4A		2M
	shock			
11. Entry and Exit Procedures	Restricted access, Improper exit techniques	3H		1L
Flocedules	teoriniques			
12. Tools and Equipment Management	Tool failure, Improper equipment use	3H		1L

Review Date:



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13. Communication Systems	Communication breakdown, Failure of communication equipment	4A		2M
14. Fire and Explosion Control	Explosion risk, Fire ignition sources	4A		2M
15. Limitations of Time	Fatigue, Coordination breakdown	3H		1L



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16. Waste Management	Accumulation of waste, Incorrect disposal methods	2M		1L
17. Post-Entry Procedures	Unresolved issues post-entry, Incorrect documentation	2M		1L



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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. ANY STATE OF 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

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/legislatide

Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis > odes-oi racti

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 201

Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/wo_place-

Codes of Practice NT: https://worksafe.nt.gov.au/f

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/le_lation

Codes of Practice for SA: https://www.safework.sa.gov.au/work_aces/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 al. Safety Act

Occupational Health and affety gulations 2017

Legis on VIC: https://www.wksafe.vic.gov.au/occupational-health-and-safety-act-and-

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les on actice VI atps://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