

Tanks A	And Vessels Entry Risk Ass	essment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PC	BU ON 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	ire that a RISK ASSESSMENT
Full Name:			
Signature:		ritle:	Date:
CL	OR PRICE CINE LCO. TRACTOR I	DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project New			



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 on redesign the activity before proceeding. A Safe Work Remember to apply controls in the coloured pyramid: 3H Review and approve additional controls the controls the controls the control task parts. Senior supervisor sign-off needed. 1. Eliminate 2M Ensure all nominated controls are in prace and efficience. Proceed with caution; monitor conditions. 1. Eliminate 1L Proceed, following standard operating procedurer Monitor and keep records. 1. Engineering 5. Administrative							1. Éliminate 2. Substitute 3. Isolate 4. Engineering
Consequence		injury/illness)	Project / Ass	Significant regula	pliance / Reputat		Always document why a lower-order control is accepted if
Catastrophic Major	Fatality or perma Serious injury/illr days)			wn prosecution	elimi mprovement notice; major media coverage align		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	work (2023) and ISO 45001:2018 clauses 6-8.		
Minor	First-aid only, no	lost time	negligible dela	y Isolated non-con	formance		
Insignificant 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	unfamiliarity with procedures, insufficient training	ЗН	 Conduct comprehensive procedure training for all reasonnel involved Ensure all workers have acknowledged under unding of entry processes Provide refresher courses on tank and versal entry Display step-by-step entry procedures at the reasonance Conduct toolbox talks focusing on specific job tass Verify qualifications and comprehensions of all works Maintain a skillstrukturk chall teacmembers Perform return audits on taining exictiveness Retationarian conduct all personnul Develop to feedboor toop for continuous improvement of training programs 	2М
2. Obtain Permits	incorrect authorisation, miscommunication	31	 Implement a commit-tensork system for each entry Implement a commit-tensork system for each entry Implement a communication protocol for permits Implement a communication protocol for permits Ensure two-way communication to confirm receipt and understanding of permits Store permits securely for audit purposes Review all permits for completeness and accuracy Automatically escalate approval processes for senior management oversight Provide training on permit usage and management 	1L
3. Isolation	inadequate isolation procedures, lack of proper lockout/tagout	4A	 Ensure comprehensive isolation procedures are documented Implement a lockout/tagout system in all applicable sections Provide training in lockout/tagout procedures Carry out regular inspections of isolation processes Ensure all isolation equipment is regularly maintained Use fail-safe equipment for isolation locks Install mechanical stops and interlocks Engage trained personnel to oversee isolations 	2М



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			- Conduct internal audits on the effectiveness of isolation procedures - Have a contingency plan for failed isolations	
4. Ventilation	insufficient airflow, toxic gases presence	4A		2M
5. Atmospheric Testing	failure to detect havirdous gases, use of faulty testing equil thent	44		1L
6. Equipment Inspection	using faulty access equipment, tool malfunction	ЗН		1L



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7. Communication Plan	breakdown in communication, failure to transmit emergency alerts	ЗН		1L
8. Entry And Exit Procedures	inadequate egress more and sequence	IA		2М
9. Emergency Rescues	inadequate rescue plan, insufficient rescue training	4A		1L

Version 2.5



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10. Personal Protective Equipment	incorrect PPE usage, defective PPE	ЗН		1L
11. Monitoring	failure to detect danger signals, incapability in monitoring systems	4A		2М
12. Decontamination	inadequate decontamination, failure in removal of hazardous materials	ЗН		1L



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13. Post-Entry Review	missed_errors_in_procedure, failure_to_identify_areas_of_improveme nt	ЗН		1L
14. Equipment Shutdown	unexpected equipment failure, epony release	ЗН		1L
15. Reporting And Documentation	inaccurate reporting, loss of documentation	2M		1L

Version 2.5



SPECIFIC WORK STEPS HAZARDS THAT MAY ARISE INITIAL RISK SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS Image: Specific measures to be put in place to eliminate or control the risk Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to be put in place to eliminate or control the risks Image: Specific measures to eliminate or control the risks Image: Specific measures to eliminate or control the risks Image: Specific measures to eliminate or control the risks Image: Specific measures to eliminate or control to elimina	RESIDUAL RISK



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.

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE 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/codes-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice	Victoria Occupational Health and Safety Action 04 Occupational Health and Infettor gulations 2017 Legis from VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- tulations</u> Codes of mactice VIC <u>enttps://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: https://www.safework.nsw.gov.au/legal-obligations/legislatic Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislatic	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/workslate-state</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>						
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/worf_aces/codes-of-practice#COPs</u>	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						
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	 Weiting 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 						
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.	 Managing the work environment and facilities How to manage work health and safety risks Managing risks of plant in the workplace Construction work 						