

Quai	rry Excavation Risk Assess	sment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PC	BU ON W PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a is prepared before the proposed work starts.	ndertaking PCBU required to ensu	re that a RISK ASSESSMENT	
Full Name:			
Signature:		ritle:	Date:
CL	OR PRICE IN LCO. TRACTOR I	DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project New York			



				F	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		
Risk Rating & Required Action: 4A Stop work. The risk is intolerable, cominate the hazarc predesign the activity before proceeding. A Safe Work Method Statement (SWMS) or his er-level authorisatic is required. 3H Review and approve additional corrols in prace and efficience. Proceed with caution; monitor conditions. 2M Ensure all nominated controls are in prace and efficience. Proceed with caution; monitor conditions. 1L Proceed, following standard operating procedurer Monitor and keep records. Consequence Scale:							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		
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	Significant regulator intervention; criminal prosecution Improvement notice; major media coverage		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. Site Inspection	Uneven terrain, Hidden debris	ЗН	Conduct a preliminary site assessment Use appropriate PPE for terrain Flag and mark any hazardous areas Provide site maps to workers Train workers on site-specific hazards Ensure good communication areng team Use survey tools to account terror mapping Regularly receive site conditions Establish clearer thwave Limit of the to advertised personnel only	2M
2. Equipment Unloading	Equipment tip-over, Injun-from falling objects	2	Use trained performed subloading is need a uipmen for damage before use Secure component during transportation is low manufacturer's unloading guidelines Ensure level ground for unloading Use spotters to assist Maintain clear unloading zones Implement exclusion zones Conduct tailgate meetings pre-unloading Use safe lifting techniques	2M
3. Drilling Operations	Flying debris, Noise exposure	ЗН	Use protective barriers around drill site Provide hearing protection Implement dust suppression methods Regular maintenance on drilling equipment Use qualified operators only Ensure emergency stop controls are functional Conduct noise monitoring Rotate operators to limit exposure	2M



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			Communicate operation procedures clearly	
			Conduct regular safety briefings	
4. Blasting Preparation	Premature detonation, Exposure to explosives	4A		зн
5. Blasting Execution	Flyrock, Overprest re	44		ЗН
6. Excavation	Landslide, Equipment collision	ЗН		2M



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7. Load Haulage	Overloading, Uneven loads	ЗН		2М
8. Crushing Operations	Entanglement, Dusart and	IA		ЗН
9. Screening	Noise pollution, Material spillage	ЗН		2M



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10. Stockpiling	Instability collapse, Equipment rollover	ЗН		2М
11. Water Management	Flooding, Contaminated discharge	ЗН		2М
12. Maintenance	Equipment malfunction, Inadequate repairs	ЗН		2М



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13. Worker Training	Inadequate skill, Miscommunication	ЗН		2M
14. Emergency Response	Delayed response, Uncoordinated efforts	4A		ЗН
15. Site Security	Unauthorised access, Vandalism	ЗН		2М



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16. Environmental	Soil erosion, Biodiversity loss	ЗН		2M
Protection				
	1			
17. Community Engagement	Negative public perception, cultural heritage disturbance	ЗH		2M
18. Waste Management	Improper disposal, Pollution	ЗН		2M



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19. Monitoring and Reporting	Inaccurate data, Delayed reporting	ЗН		2M
20. Closure and Rehabilitation	Uncontrolled site conditions, Incomplete restoration	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 RI	
	EPERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGIS	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: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</u> Legislation ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Orgapational Health and Safety Action 4 Occupational Health and Safety Action 4 Legis alon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulat</u> Sulfas on vactice 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/legislati Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati	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 2015 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/worplace-straws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/formed-resourcestraws</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/legulation</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/codes-of-practice Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice	 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
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.	 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