

Suct	ion Excavator Risk Assess	sment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
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THIS RISK ASSESS	IENT IS APPROVED BY THE PC		
Under the Work Health and Safety Regulation (WHS Regulation), a 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:
CLY	OR PRI. CIN. L.CO. TRACTOR I	DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project New York			



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	
 A Stop work. The risk is intolerable, cominate the hazarc or redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or his er-level authorisation is required. 3H Review and approve additional controls in prace and effective. Proceed with caution; monitor conditions. 1L Proceed, following standard operating procedurer Monitor and keep records. 						 Substitute Isolate Engineering 		
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	work (2023) and ISO 45001:2018 clauses 6–8. Minor breach; adverse client comment			
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. Site Assessment	Uneven terrain, Hidden underground services	ЗН	 Conduct a thorough site inspection. Use underground service locating tools. Review site plans and utility maps. Implement a designated and cleared work at. Use signage to mark service locations. Ensure proper communication mong workers. Establish an excertion are around excavation area. Only trained ersonnel should perform site messment. Chereweath mondition as it may as our terrain. Perform manufume-excavation dig. 	2M
2. Equipment Selection	Inappropriate equipment Equipment malfunction	31	 Select quipteent subside for the job scope. Informing pre-sent inspection on equipment. Ensure quipment maintenance records are up to date. Ingage only qualified personnel for equipment operation. Verify that all safety mechanisms are functioning. Check and adhere to manufacturer's guidelines. Implement a regular servicing schedule. Ensure proper calibration of suction mechanisms. Use equipment with emergency shut-off features. Provide operator training on specific equipment used. 	1L
3. Traffic Management	Vehicle collision, Pedestrian interference	ЗН	 Develop a traffic management plan. Use barriers and signage for traffic control. Assign traffic controllers with high visibility gear. Designate pedestrian pathways away from machinery. Use spotters for vehicle movement. Limit onsite vehicle speeds. Schedule work during low-traffic times. Ensure all workers are aware of traffic routes. 	2M



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			- Conduct regular traffic management reviews.	
			- Hold briefings on traffic safety prior to work commencement.	
4. Site Preparation	Unsecured trenching, Dust generation	ЗН		2M
5. Conduct Toolbox Talk	Lack of hazard awceness, Miscommunication	2M		1L
6. Weather Monitoring	Extreme temperatures, Sudden weather changes	ЗН		2M



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7. Equipment Operation	Operator error, Moving parts	4A		2M
8. Managing Noise	Hearing damage, our contaction is uses	зн		2M
9. Dust and Debris Control	Respiratory issues, Reduced visibility	ЗН		2M

Version 2.5

Review #



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10. Manual Handling	Muscular injury, Fatigue	ЗН		1L
11. Excavation Process	Cave-ins, Falling objects	4A		2M
12. Emergency Preparedness	Inadequate response, Lack of emergency communication	ЗН		1L



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13. Environmental Considerations	Pollution from spills, Damage to vegetation	ЗН		2M
14. Final Inspection	Overlooking hazards, Incomplete e	2М		1L
15. Demobilisation	Transport hazards, Site contamination	ЗН		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 R	EFERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEG	SISLATIVE 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 Occupational Health an Safety Actor of Occupational Health and Infetiv orgulations 2017 Legis from VIC: <u>https://www.eccurksafe.vic.gov.au/occupational-health-and-safety-act-and- tulations</u> Codes on viactice VICourtps://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/legislative Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislative	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, 201, Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/wo</u> place- Codes of Practice NT: <u>https://worksafe.nt.gov.au/formediatestation</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/work_sa.gov.au/work_saces/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	 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

- Any required documents.