

Unburdeni	ng Heavy Equipment Risk	Assessment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Eme	
THIS RISK ASSESS	MENT IS APPROVED BY THE PC	BU ON Y PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a is prepared before the proposed work starts.	person conducting a busine or ur	ndertaking PCBU required to ensu	ure 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 N.			



				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	
4A Stop work. The risk is intolerable, minate the hazary redesign the activity before proceeding. A Safe Work						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 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	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	Inadequate knowledge, Unavailable PPE	ЗН	 Conduct comprehensive training sessions on equipment handling Ensure availability of necessary PPE at the sit Regularly update training materials based on new guidences Conduct competency assessments for all we area Keep updated records of training completion Evaluate site-specific training meds Instruct workers of emersion cy parcedures Provide laterage support or non-ballish strukers Develop a supervision relevand for networkers Arrange or on-ture pomentoring program 	1L
2. Site Inspection	Unsafe surfaces, Obstanting materials	2	 Condult a tropugh statinspection before operations commence Impove debrister d unnecessary materials from the site Construction, trip, and fall assessments See barricades to isolate dangerous areas Implement a regular inspection schedule Record and address all identified hazards immediately Install adequate site lighting Use adequately rated equipment for terrain Brief workers on identified hazards daily Display hazard warning signs around site 	1L
3. Equipment Check	Faulty machinery, Improper settings	ЗН	 Perform pre-operation equipment checks Log checks in the equipment maintenance register Verify equipment certification and compliance Perform load testing where applicable Have skilled technicians available on-site Disable and isolate faulty equipment immediately Conduct safety device function tests Ensure only trained operators use equipment 	1L



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			- Follow manufacturer maintenance schedules	
			- Regularly update checklists based on manufacturer changes	
4. Load Assessment	Overloading, Imbalance	ЗН		2M
5. Lifting Procedures	Unexpected lifting ovements, Equipment failure	44		2M
6. Personnel Safety	Human error, PPE failure	ЗН		1L

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Review #



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7. Coordination and Communication	Miscommunication, Conflicting instructions	2M		1L
8. Emergency Response Planning	Inadequate response processes a Confusion during environments	1A		1L
9. Weather Assessments	Temperature extremes, Adverse weather conditions	2М		1L



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10. Environmental Considerations	Pollution, Wildlife disturbance	2M		1L
11. Unloading Procedures	Load instability, Equipment misalignment	ЗН		2M
12. Maintenance Activities	Incorrect tooling, Equipment malfunction during repair	ЗН		2M

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13. Decontamination	Chemical spills, Inadequate cleanup procedures	ЗН		1L
14. Waste Disposal	Improper disposal methods. Environmental hazards	ЗН		1L
15. Review and Feedback	Inadequate assessment, Feedback mismanaged	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 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.

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