

Wireless Contr	rolled Machine Operation R	lisk Assessment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Eme	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PC	BU ON TH 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:
CLY		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	
Risk Rating & Required Action: 4A Stop work. The risk is intolerable, cominate the hazard predesign the activity before proceeding. A Safe Work Method Statement (SWMS) or hit er-level authorisatic is required. 3H Review and approve additional controls in prace and effective. Proceed with caution; monitor conditions. 2M Ensure all nominated controls are in prace and effective. Proceed with caution; monitor conditions. 1L Proceed, following standard operating procedures 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	elimina		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		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. Preparation	Lack of training, Inadequate risk assessment	ЗН	 Ensure all operators are trained and competent Conduct thorough risk assessment prior to straining work Update risk assessment based on site-specific condition Verify that all workers have read and understand trainsk assessment Conduct site induction for new workers Check communication system for operability Ensure compliant with a HS legislation and guidelines Develop argumergency regionse pt Prende safet, aquipment and ensure an eadiness Idem visid prepare evacuation routes 	2М
2. Equipment Inspection	Equipment malfunction, Unchecked wear and tear	21	 Condul prene inspections on all equipment condul prene inspections on all equipment content regular maintenance schedules Reputation components promptly ave a certified technician verify machine functionality Creck wireless connections Ensure spare parts are available on site Document and report any equipment faults Perform checks using an inspection checklist Calibrate equipment as per manufacturer's guidelines Train operators in identifying potential faults 	2М
3. Site Assessment	Uneven surfaces, Obstructions	ЗН	 Conduct a detailed site survey for hazards Clear all obstructions prior to operation Ensure adequate lighting Mark hazardous areas with warning signs Level uneven surfaces where possible Use barricades to protect workers from identified hazards Ensure emergency exits are clearly marked and accessible Keep aisles and exit paths clear 	2M



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			- Implement signage to alert of low overhead clearance	
			- Regularly review site conditions for changes	
4. Operational Planning	Inadequate planning, Lack of coordination	ЗН		1L
5. Communication Protocols	Communication factore, Miscommunication	44		2M
6. Control System Verification	Control system error, Software failure	ЗН		2M

Version 2.5





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7. Safety Equipment	Failure to use PPE, Faulty safety gear	ЗН		2М
8. Operator Oversight	Lack of supervision and a ratigu	вн		2M
9. Emergency Procedures	Delayed emergency response, Unprepared workers	4A		2M



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10. Noise Levels	Hearing damage, Communication interference	ЗН		1L
11. Load Management	Overloading equipment, Load shift	ЗН		2М
12. Operational Monitoring	Undiagnosed faults, Operational deviation	ЗН		2M

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13. Environmental Controls	Exposure to elements, Environment pollution	ЗН		2М
14. Wireless Signal Interference	Signal loss, Cross-signations	ЗН		2М
15. Post-Operation Review	Inadequate debrief, Oversights in documentation	ЗН		1L

Version 2.5

Review #



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	S			



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 REF	ERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISL	ATIVE 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 at Safety Act and 4 Occupational Health and onfety or gulations 2017 Legistron VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- rulations</u> or des of chactice VIC <u>autps://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/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 2011 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-serve-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-serve-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/weicplace-serve-laws</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_laces/codes-of-practice#COPs</u> Tasmania	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
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: <u>https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations</u> Codes of Practice for TAS: <u>https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice</u>	 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.	 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