

Cartrido	ge Operated Tools Risk Ass	sessment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emei	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PCI	BU ON W 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:		ntle:	Date:
CLY		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
4AStop Meth3HRevia2MEnsu1LProceConsequen	eed, following star	intolerable, in VMS) or hi er-l dditional currol controls are import ndard operating	ace and efficieve. Proposed are Annual A	required. ts. Senior supervisor oceed with caution; m and keep records.	sign-off needed. nonitor conditions.		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	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				



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	Misuse of equipment, Inadequate training	ЗН	 Ensure all workers are trained in the use of cartride operated tools Conduct a pre-use inspection of tools to ensure any are in good working condition Provide workers with instruction manuals and standard ensating procedures Ensure availability of personal protective equipment, PPE) Monitor weather conditions and assess suitability for the task? Verify competency of operator before assigning traitations Isolate area whole cools all be used to prevent unautorised access Develop are negrency reconse p. Cherefor any negalis encohnical bulk use related to the tool Display of ety slying e around work area 	2М
2. Tool Inspection	Damaged tools, Malfunctioning safety features	4	 Inspectivools before each use for any signs of damage or wear Instead after a structures to ensure they are working Ensure the structures to ensure they are working Document and report any defects or damages found Replace any damaged parts before use Verify the expiry date of cartridges being used Securely store tools in a designated area when not in use Regularly maintain and service tools as per manufacturer guidelines Instruct workers to report any unusual operational issues immediately 	2М
3. Loading Cartridges	Accidental discharge, Inappropriate cartridge type	зн	 Use only cartridges appropriate for the tool being used Conduct loading in a secure and designated area away from others Wear appropriate PPE during loading Follow manufacturer's instructions for loading cartridges Inspect cartridges for defects prior to use Ensure tools are pointed away from all personnel and structures during loading Communicate the process clearly with all personnel involved Store unused cartridges in a secure and appropriate container 	1L



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			- Train workers on the correct loading procedures	
			- Implement a double-check system to ensure correct loading	
4. Operation	Unsafe firing, Injury from ricochet	4A		2M
5. Unloading Cartridges	Improper cartridge isposal. Encoure to hazardous materia.	ЗН		1L
6. Maintenance	Faulty maintenance, Tool damage due to improper handling	4A		2M

Version 2.5



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7. Storage	Inadequate storage leading to damage, Improper environmental conditions	ЗН		1L
8. Training	Inadequate knowledge, Lack of practical training	ЗН		2M
9. Task-Specific Requirements	Overlooked safety requirements, Inappropriate tool use for task	3H		2M



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10. Emergency Procedures	Lack of emergency preparedness, Delayed response to incidents	4A		1L
11. Manual Handling	Musculoskeletal injuries, Dropping tools	ЗН		2М
12. Transporting Tools	Tools falling during transport, Unsafe load securing	ЗН		2M

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13. Environmental Considerations	Pollution from spent cartridges, Improper disposal of waste	ЗН		2M
14. Remote Work Situations	Lack of immediate support, Communication breakdown	4A		2M
15. Returning Tools Post-Use	Damage during return, Unauthorised return procedures	ЗН		1L

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16. Record-Keeping	Inaccurate records, Loss of important data	ЗН		1L
17. Auditing and Review	Non-compliance with safety standards, Overlooking risk factors	4A		2M
18. Incident Reporting	Underreporting of incidents, Delayed reporting	4A		2M



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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 RE	FERENCES						
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISL	LATIVE 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.gld.gov.au/laws-and-compliance/work-health-and-safety-laws Codes of Practice QLD: https://www.worksafe.gld.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	Victoria Occupational Health an Safety Actnov4 Occupational Health and Infetving gulations 2017 Legismon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- ingulations</u> Unders on mactice VICouttps://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: <a acts-and-regulations"="" href="https://www.safework.nsw.gov.au/legal-obligations/legislati-codes-of-brack</td><td>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></td></tr><tr><td>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/weblace-set-laws</u>
Codes of Practice NT: <u>https://worksafe.nt.gov.au/formations/incerveblace-set-laws</u>
Codes of Practice NT: <u>https://worksafe.nt.gov.au/formations/incerveblace-set-laws</u></td><td>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></td></tr><tr><td>South Australia
Work Health and Safety Act 2012 (SA)
Work Health and Safety Regulations 2012 (SA)
Legislation for SA: https://www.safework.sa.gov.au/resources/legislation
Codes of Practice for SA: https://www.safework.sa.gov.au/work_dces/codes-of-practice#COPs</td><td>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</td></tr><tr><td>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	 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 						