

Utilising	J Router Machines Risk Ass	sessment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PCI	BU ON 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	ire 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		
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		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. Preparation	inadequate training, work area clutter	ЗН	Conduct training sessions for all staff members on machine protocols Ensure the work area is clean and organised brave starting Provide clear manuals and operating procleares at the workstation Verify that emergency stops are functional and protocol all operators Communicate the importance of reporting any macunctioning component immediately Implement a system to track the ing compliance and end and Regularly audit the concerned and pocedures to ensure compliance Monitor works atterns to identify potential rist metors Encourage a surfu-first endure through accognition and rewards programs	2M
2. Machine Inspection	damaged equipment, missing safety guards		Install the signal and out the machine area outlining safety procedures Conductore-the inspection checks for all routers Future at safety stards are securely in place and functioning Mainta the oppbook for machine inspections The port and address any faults immediately through a dedicated protocol Replace or repair damaged equipment before use Engage qualified personnel for regular maintenance checks Ensure inspection checklists are visible and accessible to all operators Use only manufacturer-approved parts and accessories Create a schedule for periodic independent audits of equipment use Post instructional diagrams and warnings emphasizing machine safety	2M
3. Setup	incorrect setup, insecure material fastening	4A	Follow a standardised checklist for machine setup Ensure materials are fastened securely before operation Employ measures like jigs and clamps to hold materials better Keep a reference guide near machines for setup procedures Assign setup tasks to trained and competent personnel only Regular validations by supervisors or more experienced staff Use alarm systems to signal improperly secured setups Incorporate interlocks that prevent the machine from starting until secure	2M



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			Utilise video surveillance for real-time monitoring	
			Develop a buddy system for setup procedures to increase accountability	
4. Operation	operator error, material kickback	4A		2M
5. Machine Shutdown	machine misuse, is ure to 2000	вн		1L
6. Maintenance	unintended operation, exposure to electrical hazards	4A		2М

Version 2.5

Review #



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7. Disposal of Waste	chemical exposure, environmental contamination	ЗН		1L
8. Emergency Procedures	inadequate evacuation plan, lack of emergency response traction	4A		2М
9. Personal Protective Equipment	incorrect use, insufficient protection	ЗН		1L



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10. Health and Safety Inductions	lack of awareness, cultural and language barriers	ЗН		2M
11. Machine Programming	incorrect programming, software malfunction	4A		2M
12. Environmental Control	poor ventilation, dust accumulation	ЗН		2M

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13. Visitor Management	unauthorised access, lack of visitor awareness	2М		1L
14. Noise Management	hearing damage, communication barriers	ЗН		1L
15. Post-Operation Procedures	incomplete documentation, residual waste	3H		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 REFERENCES						
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: 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/codes-of-practice Codes of Practice 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 Act and Occupational Health and pretvingulations 2017 Legis on VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulature</u> Codes on mactice VIC <u>extps://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 201. Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/wo</u> <u>place-sector-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/wo</u> <u>place-sector</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/worf_laces/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 					