

Using Pr	neumatic Air Tools Risk As	sessment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PC	BU OF 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	ire that a RISK ASSESSMENT
Full Name:			
Signature:		intle:	Date:
CLY		DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project N			



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
Assist 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 his er-level authorisatic is required. 3H Review and approve additional controls the proceed with caution; monitor conditions. 2M Ensure all nominated controls are imprace and efficience of which caution; monitor conditions. 1L Proceed, following standard operating procedurer 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 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		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	incorrect tool selection, lack of PPE	ЗН	 Conduct a toolbox talk to ensure correct tool selection. Provide training on the operation of pneumatic tools. Ensure all workers are wearing appropriate PPE including safety goggles and gloves. Check tools for damage or excessive wear burrenee. Maintain an inventory of suitable pneumatic too of or different tooks. Use a checklist to verify pre-curvational checks are non-cued. Ensure safety downee of are accessible and upderstood. Implement rotation syster for PPE supplier to ensure availability. Mopin compande with PE requirements regularly. Display using prominently in work areas relevant to the task. 	2М
2. Tool Inspection	damage to equipment, incorrect pressure	2	 Regular y interact all produmatic tools before use. Regular y interact all produmatic tools before use. Use the compression with proper safety valves and relief systems. Perify hoses are free from defects and are of the necessary length. Maintain and record a log of inspections performed on tools. Remove damaged tools from service immediately for repair or replacement. Train workers on recognising signs of tool damage or wear. Keep the workspace organized to prevent accidental tool damage. Perform functional tests on tools before commencing work. Store tools properly when not in use to prevent accidental damage. 	1L
3. Connecting Tools	hose detachment, improper connections	ЗН	 Ensure quick release connectors are functioning properly and securely attached. Train employees on correct hose linking procedures. Utilise hose restraints and whip checks where necessary. Label air lines for direction and application clarity. Inspect air hoses for cuts or abrasion before connecting. Implement a tagging system to indicate hose serviceability. Ensure work areas are clear of obstructions before connecting air lines. Perform routine checks of connection fittings and couplings for wear. 	1L



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			- Provide shadow boards for hose and fitting storage.	
4. Operating Tools	operator error, inappropriate pressure settings	4A	- Review safety briefing materials for connecting tools case-by-case.	2M
5. Storing Tools	poor storage, unautor access	ЗH		1L
6. Tool Maintenance	tool malfunction, unplanned downtime	4A		2M

Version 2.5



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7. Emergency Response	injury during use, tool failure	4A		1L
8. Training and Competency	lack of knowledge, inadequate skills	4A		1L
9. Environmental Considerations	noise pollution, energy consumption	ЗH		2M

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10. Decommissioning Tools	improper disposal, residual energy	ЗН		1L
11. Ergonomic Considerations	repetitive strain, awkward postures	ЗН		2M



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12. Remote Work Considerations	communication breakdown, limited supervision	4A		2М
13. Manual Handling	back injury, tool dropping	ЗН		1L
14. Weather Conditions	rain exposure, extreme temperatures	4A		2М

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15. Housekeeping	slip hazards, cluttered workspace	ЗН		1L
	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 REI	FERENCES						
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE 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 Act 204 Occupational Health and Safety Act 204 Decision VIC: https://www.safety.c.gov.au/occupational-health-and-safety-act-and- tulations Codes on vactice VICountps://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/legislati-codes-of-practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati-codes-of-practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati-codes-of-practice NSW: https://www.safework.nsw.gov.au/resource-library/lis <a acts-and-regulations"="" href="https://www.safework.nsw.gov.gov.gov.gov.gov.gov.gov.gov.gov.gov</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: https://worksafe.nt.gov.au/laws-and-compliance/wg.place-servelaws
Codes of Practice NT: https://worksafe.nt.gov.au/formed-resources/servelaws</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: <u>https://www.safework.sa.gov.au/resources/legislation</u>
Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_dces/codes-of-practice#COPs</u></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 acfety consultation, connection 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 						