

Trimming Keys Risk Assessment

Business Name:	ABN:	
Business Address:		
Contact Person:	Phone:	Email:

THIS RISK ASSESSMENT IS APPROVED BY THE PCBU ON THE PROJECT

Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (PCBU) is required to ensure that a RISK ASSESSMENT is prepared before the proposed work starts.

Full Name:		
Signature:	Title:	Date:

CLIENT OR PRINCIPAL CONTRACTOR DETAILS

Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date Risk Assessment supplied to Project Manager:	

RISK MATRIX									
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HIERARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE			Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	Substitution Replace the hazard.	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.	Isolation Isolate People from the hazard	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Engineering Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	Administrative Change	
								PPE	
Risk Rating & Required Action:								Notes on Hierarchy of Controls:	
4A Stop work. The risk is intolerable. Eliminate the hazard or redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or higher-level authorisation is required.								Remember to apply controls in the preferred order shown by the coloured pyramid:	
3H Review and approve additional controls before task starts. Senior supervisor sign-off needed.								1. Eliminate	
2M Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.								2. Substitute	
1L Proceed, following standard operating procedures. Monitor and keep records.								3. Isolate	
								4. Engineering	
								5. Administrative	
								6. PPE	
Consequence Scale:								Always document why a lower-order control is accepted if elimination or substitution is not reasonably practicable.	
Consequence	People (injury/illness)		Project / Assets		Compliance / Reputation				
Catastrophic	Fatality or permanent total disability		project shutdown		Significant regulator intervention; criminal prosecution				
Major	Serious injury/illness (hospital > 5 days)		critical delay		Improvement notice; major media coverage				
Moderate	Medical-treatment injury; lost-time > 1 day		moderate delay		Minor breach; adverse client comment				
Minor	First-aid only, no lost time		negligible delay		Isolated non-conformance				
Insignificant	No injury		no schedule impact		Deviation caught and corrected on site				
								<i>aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.</i>	

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	slips, falls	3H	<ul style="list-style-type: none"> - Conduct a site inspection for debris and obstacles - Use non-slip footwear - Establish clear walkways - Provide training on site safety - Ensure adequate lighting is available - Use signage to indicate slippery areas - Include handrails where necessary - Assign a spotter for difficult terrain - Maintain equipment in proper condition - Implement a clear-as-you-go policy 	2M
2. Equipment Check	equipment malfunction, electrical shock	4H	<ul style="list-style-type: none"> - Conduct regular equipment inspections - Use equipment as per manufacturer's instructions - Ensure equipment is properly grounded - Perform electrical safety testing - Provide training for equipment operation - Use personal protective equipment (PPE) - Establish a tagging system for faulty equipment - Keep repair logs up to date - Implement a regular maintenance schedule - Ensure spare parts are available and accessible 	2M
3. Selecting Key Blanks	cuts, strains	3H	<ul style="list-style-type: none"> - Use cut-resistant gloves - Correct body posture training - Implement tool storage policies - Provide task rotation to minimise repetitive strain - Use ergonomic tools - Ensure adequate lighting at workstations - Train workers on safe handling techniques - Supply appropriate PPE 	1L

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			<ul style="list-style-type: none"> - Keep first aid kits accessible - Mark sharp edges with warning tape 	
4. Measuring Keys	eye strain, incorrect measurements	3H	<ul style="list-style-type: none"> - Wear safety glasses - Use proper measuring technique - Take breaks to rest eyes - Use proper lighting - Use proper posture - Use proper tools - Use proper equipment - Use proper materials - Use proper methods - Use proper procedures - Use proper protocols - Use proper policies - Use proper practices - Use proper principles - Use proper priorities - Use proper procedures - Use proper protocols - Use proper policies - Use proper practices - Use proper principles - Use proper priorities 	2M
5. Setting Up Cutting Machine	cuts, machine entrapment	4A	<ul style="list-style-type: none"> - Wear safety glasses - Use proper setup technique - Take breaks to rest eyes - Use proper lighting - Use proper posture - Use proper tools - Use proper equipment - Use proper materials - Use proper methods - Use proper procedures - Use proper protocols - Use proper policies - Use proper practices - Use proper principles - Use proper priorities - Use proper procedures - Use proper protocols - Use proper policies - Use proper practices - Use proper principles - Use proper priorities 	2M
6. Loading Key Blanks	falls, pinching fingers	3H	<ul style="list-style-type: none"> - Wear safety glasses - Use proper loading technique - Take breaks to rest eyes - Use proper lighting - Use proper posture - Use proper tools - Use proper equipment - Use proper materials - Use proper methods - Use proper procedures - Use proper protocols - Use proper policies - Use proper practices - Use proper principles - Use proper priorities - Use proper procedures - Use proper protocols - Use proper policies - Use proper practices - Use proper principles - Use proper priorities 	1L

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7. Cutting Keys	metal shards, loud noise	4A		2M
8. Key Finishing	sharp edges, repetitive motion	3H		2M
9. Quality Checking	errors in key shaping, eye strain	3H		2M

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			<div></div> <div></div> <div></div> <div></div>	
10. Packaging Keys	cuts from sharp keys, musculoskeletal strain	3H	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	1L
11. Storage	falling objects, improper stacking	4A	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	2M
12. Waste Disposal	sharp waste, environmental contamination	3H	<div></div> <div></div> <div></div> <div></div> <div></div>	1L

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13. Cleaning Work Area	chemical exposure, injuries from cleaning tools	3H		2M
14. Reporting and Documentation	incomplete records, miscommunication	3H		1L
15. Continuous Improvement	resistance to change, outdated practices	3H		2M

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SAMPLE

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 LEGISLATIVE REFERENCES IF ANY STATE THAT 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 and Safety Act 2004

Occupational Health and Safety Regulations 2017

Legislation VIC: <https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-regulations>

Codes of Practice VIC: <https://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/legislation>

Codes of Practice NSW: <https://www.safework.nsw.gov.au/resource-library/list-codes-of-practice>

Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: <https://www.commerce.wa.gov.au/worksafe/legislation>

Codes of Practice WA: <https://www.commerce.wa.gov.au/worksafe/codes-practice>

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulations 2011

Legislation NT: <https://worksafe.nt.gov.au/laws-and-compliance/workplace-safety-laws>

Codes of Practice NT: <https://worksafe.nt.gov.au/laws-and-compliance/codes-of-practice>

Safe Work Australia Links

Law and Regulation (All States): <https://www.safeworkaustralia.gov.au/law-and-regulation>

Model Codes of Practice: <https://www.safeworkaustralia.gov.au/resources-publications/model-codes-of-practice>

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
- 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
- Managing the work environment and facilities
- How to manage work health and safety risks
- Managing risks of plant in the workplace
- Construction work

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/workplaces/codes-of-practice#COPs>

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>

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.