

## Gasket Cutting Press 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			<b>Elimination</b> Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	<b>Substitution</b> 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.	<b>Engineering</b> Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	<b>Administrative</b> Change	
								<b>PPE</b>	
<b>Risk Rating &amp; Required Action:</b>								<b>Notes on Hierarchy of Controls:</b>	
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. <b>Eliminate</b>	
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	
<b>Consequence Scale:</b>								Always document <b>why</b> 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				
								aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.	

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, Trips, Manual Handling Injuries, Electrical Faults, Equipment Malfunctioning, Noise Exposure, Fires, Inadequate Lighting, Poor Ventilation, Ergonomic Risks, Chemical Exposure, Sharp Edges, Hot Surfaces, Inadequate Training, PPE Inadequacy, Operator Fatigue, Dust Inhalation, Falls from Height, Contact with Moving Machinery Components, Eye Strain, Handling Heavy Materials, Spillage, Unstable Stacking, Ladder Use, Confined Spaces, Working at Heights, Swinging Loads, Pinch Points, Crushing Hazards, Collision Risks, Poor Housekeeping, Protruding Objects, Falling Objects, Inappropriate Tool Use, Strain Injuries, Repetitive Motion Injuries, Environmental Extremes, Unsecured Objects, Biohazard Exposure, Allergic Reactions, Hazardous Substance Release, Entrapment, Compressed Air Injury, Isolation Failure, Class I Electrical Hazards, Flammable Material, Dust Explosion Risk, Static Electricity, Overexertion, Unsafe Access, Vibration, Foundations Instability, Miscommunication, Lack of Supervision, Counterbalance Failures, Conforming Materials, Pressure Release, Overloading, Ground Subsidence, Ear Protection Neglect, Fire Extinguisher Misuse, Chemical Mixture, Abrasive Wheels, Mechanical Lifting Errors, Dermatitis, Slip Hazard Surfaces, Lack of Barricades, Lack of Falls Protection Systems, Improper Signalling, Dust Accumulation, High Temperatures, Low Temperatures, Humidity Issues, Lack of Visibility, Remote Location, Aggressive Work Conditions, Vehicle Movement, Delays, Limited egress	4A	<ul style="list-style-type: none"> <li>- Conduct thorough site inspection to identify potential hazards.</li> <li>- Ensure adequate lighting and ventilation in the preparation area.</li> <li>- Establish clear paths and safe egress routes.</li> <li>- Implement noise and vibration control measures.</li> <li>- Arrange appropriate PPE for all preparatory tasks.</li> <li>- Verify completion of all necessary safety training.</li> <li>- Ensure all electrical equipment is tagged and tested.</li> <li>- Assess and monitor temperature and humidity conditions.</li> <li>- Equip fire extinguishers and training in emergency response.</li> <li>- Perform ergonomic assessment for manual handling tasks.</li> </ul>	3H
2. Machine Setup	Entanglement, Electrical Shock	3H	<ul style="list-style-type: none"> <li>- Confirm all machine settings comply with the operational manual.</li> <li>- Utilize lockout/tagout procedures during setup.</li> <li>- Use PPE, including gloves and eye protection.</li> </ul>	2M

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			<ul style="list-style-type: none"> <li>- Ensure all electrical connections are safe and compliant.</li> <li>- Implement guards and barriers to prevent entanglement.</li> <li>- Regularly inspect and maintain equipment to ensure it is in proper working condition.</li> <li>- Implement clear signage regarding setup procedures.</li> <li>- Ensure a competent operator is available.</li> <li>- Provide training on electrical safety and hazard awareness.</li> <li>- Perform risk assessment before commissioning the equipment.</li> </ul>	
3. Material Handling	Manual Handling Injuries, Crushing Hazards	3H	<ul style="list-style-type: none"> <li>- Provide mechanical aids for lifting heavy materials.</li> <li>- Train staff in correct manual handling techniques.</li> <li>- Maintenance of workbenches and tables.</li> <li>- Ensure proper supervision during handling operations.</li> <li>- Use signage to mark material storage areas.</li> <li>- Regularly check trolleys and lifting aids for maintenance.</li> <li>- Optimize storage layout to minimize handling requirements.</li> <li>- Ensure communication protocols for heavy lifting/team lifting.</li> <li>- Avoid obstructions in handling pathways.</li> <li>- Rotate tasks to prevent repetitive strain.</li> </ul>	2M
4. Workbook Alignment	Repetitive Motion Injury, Incorrect Alignment	2M	<ul style="list-style-type: none"> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> <li>- [REDACTED]</li> </ul>	1L
5. Power On Procedures	Electrical Shock, Unexpected Startup	4A	<ul style="list-style-type: none"> <li>- [REDACTED]</li> <li>- [REDACTED]</li> </ul>	2M

[illegible]

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3H

Unintentional Restart

3H

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14. Record Keeping	Data Loss, Compliance Issues	2M		1L
15. Overall Review and Audit	Missed Compliance, Operational Oversights	3H		2M



## 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.