

Pressure Cooker Risk Assessment

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

THIS RISK ASSESSMENT IS APPROVED BY THE PCBU ON THIS 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	4A ACUTE	DO NOT PROCEED	Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE			Substitution Replace the hazard.	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE			Isolation Isolate People from the hazard	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE			Engineering Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH			Administrative Change	
						1L LOW	Monitor and keep records.	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	
Consequence Scale:								4. Engineering	
Consequence		People (injury/illness)		Project / Assets		Compliance / Reputation		5. Administrative	
Catastrophic		Fatality or permanent total disability		project shutdown		Significant regulator intervention; criminal prosecution		6. PPE	
Major		Serious injury/illness (hospital > 5 days)		critical delay		Improvement notice; major media coverage		Always document why a lower-order control is accepted if elimination or substitution is not reasonably practicable.	
Moderate		Medical-treatment injury; lost-time > 1 day		moderate delay		Minor breach; adverse client comment		aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.	
Minor		First-aid only, no lost time		negligible delay		Isolated non-conformance			
Insignificant		No injury		no schedule impact		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	slippery floor, distractions	3H	<ul style="list-style-type: none"> - Ensure the floor is dry and clean before starting - Post signage indicating a hot surface area - Restrict area access to authorised personnel only - Maintain concentration and minimise distractions - Use proper footwear with non-slip soles - Provide training on what conditions to avoid - Ensure adequate lighting in the work area - Conduct a pre-operation checklist - Remove tripping hazards from the vicinity - Have a supervisor on hand to oversee the process 	2M
2. Inspect Pressure Cooker	damaged equipment, inadequate maintenance	3H	<ul style="list-style-type: none"> - Regularly service the pressure cooker as per manufacturer guidelines - Replace damaged components immediately - Use a qualified technician for inspections - Maintain a maintenance log - Ensure the pressure release valve is clear and operational - Check all seals for wear and tear - Ensure the cooker is turned off during inspection - Verify all safety features are intact - Report any defects immediately - Keep a spare parts inventory for quick replacements 	2M
3. Assemble Ingredients	allergic reactions, cross-contamination	3H	<ul style="list-style-type: none"> - Clearly label all ingredients and allergens - Provide training on cross-contamination prevention - Use colour-coded cutting boards - Ensure personal hygiene practices are followed - Implement a system to track allergens - Clean equipment thoroughly between uses - Use disposable gloves and replace when necessary - Keep a clean workstation 	1L

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
			<ul style="list-style-type: none"> - Store allergens in separate areas - Review ingredient safety data sheets 	
4. Fill Pressure Cooker with Ingredients	overfilling, spillage	3H	<ul style="list-style-type: none"> - Use measuring cups to ensure correct volume - Do not overfill the cooker beyond the maximum fill line - Wipe up any spills immediately to prevent slipping - Use oven mitts when handling the hot cooker - Place the cooker on a stable, heat-resistant surface - Avoid reaching over the cooker to adjust settings - Keep children and pets away from the cooker - Read the manufacturer's instructions carefully - Ensure the pressure release valve is clear and functioning - Do not touch the pressure release valve until the pressure has been released - Use caution when opening the lid to avoid steam burns 	2M
5. Closing Lid	improper sealing, pinch points	3H	<ul style="list-style-type: none"> - Ensure the lid is properly aligned and locked - Check the gasket for damage or debris - Avoid pinching fingers when closing the lid - Use the correct technique to secure the lid - Do not force the lid if it does not seal properly - Ensure the lid is fully closed before cooking - Avoid touching the lid or gasket area while cooking - Keep the lid away from the face and hands - Do not attempt to open the lid while under pressure - Follow the manufacturer's instructions for lid closure 	1L
6. Setting Timer and Pressure	incorrect settings, electrical faults	3H	<ul style="list-style-type: none"> - Double-check the timer and pressure settings - Ensure the cooker is plugged into a grounded outlet - Avoid overloading the electrical circuit - Use the correct pressure setting for the recipe - Set the timer for the correct duration - Do not leave the cooker unattended while cooking - Ensure the pressure release valve is clear - Avoid touching the cooker while it is cooking - Do not attempt to open the lid while under pressure - Follow the manufacturer's instructions for setting the timer and pressure 	2M

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7. Heating	overheating, fire hazards	4A		2M
8. Pressure Build-Up	overpressure, mechanical failure	4A		2M
9. Cooking Process	explosion risk, burns	4A		2M

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10. Pressure Release	steam burns, scalding	4A		1L
11. Opening Lid	sudden steam release, cross contamination	3H		1L
12. Removing Contents	burns, spills	3H		1L

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13. Cleaning	chemical exposure, slips	3H		2M
14. Maintenance	sharp tools, electrical hazards	3H		2M
15. Documentation	data entry errors, missing records	2M		1L

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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.