

## High-Pressure Cleaning Of Sites 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	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	
<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. 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	
<b>Consequence Scale:</b>								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 <b>why</b> 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 surfaces, Water spray	3H	<ul style="list-style-type: none"> <li>- Conduct site-specific induction before starting work</li> <li>- Ensure all workers are equipped with waterproof PPE</li> <li>- Set up barriers and warning signs around work area</li> <li>- Confirm the availability of adequate drainage</li> <li>- Train workers on equipment use and emergency procedures</li> <li>- Conduct a pre-start safety meeting to discuss tasks and risks</li> <li>- Inspect equipment to ensure it is in good working order</li> <li>- Check weather conditions to ensure safe operation</li> <li>- Provide a safety briefing focusing on specific hazards</li> <li>- Set up communication plan among team members</li> </ul>	2M
2. Inspection	Equipment malfunctions, Obstructed pathways	2H	<ul style="list-style-type: none"> <li>- Conduct detailed equipment inspections before use</li> <li>- Ensure clear access to all cleaning areas</li> <li>- Report and document any defects or hazards</li> <li>- Validate that all safety devices are functioning properly</li> <li>- Verify functionality of emergency stop features</li> <li>- Ensure no loose objects are near work zone</li> <li>- Use checklists to confirm readiness</li> <li>- Assess pathways for any new hazards</li> <li>- Use torchlight in poorly lit areas</li> <li>- Maintain a clean and organized inspection zone</li> </ul>	1L
3. Set Up Equipment	Electrical risks, Entanglement	3H	<ul style="list-style-type: none"> <li>- Only use equipment with RCD protection</li> <li>- Ensure all cables are in excellent condition without any frays or cuts</li> <li>- Secure all cables away from wet areas</li> <li>- Provide training on proper handling of high-pressure hoses</li> <li>- Ensure all moving parts have appropriate guards</li> <li>- Display danger high voltage signs as necessary</li> <li>- Conduct risk assessments on setup configurations</li> <li>- Maintain constant supervision during the setup process</li> </ul>	2M

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			<ul style="list-style-type: none"> <li>- Ensure no one works alone during setup</li> <li>- Perform lockout/tagout procedures as needed</li> </ul>	
4. Pre-Operation Checks	Incorrect pressure settings, Loose fittings	2M	<ul style="list-style-type: none"> <li>- Verify pressure settings before operation</li> <li>- Inspect all fittings and connections for tightness</li> <li>- Use appropriate tools for tightening</li> <li>- Perform leak tests before full operation</li> <li>- Ensure all safety guards are in place</li> <li>- Verify that all personnel are clear of the work area</li> <li>- Follow manufacturer's instructions for setup</li> <li>- Use proper lifting techniques for heavy components</li> <li>- Ensure adequate ventilation is established</li> <li>- Confirm that all emergency stop buttons are functional</li> </ul>	1L
5. Commence Cleaning	Flying debris, Noise pollution	3H	<ul style="list-style-type: none"> <li>- Wear appropriate PPE (eye protection, earplugs)</li> <li>- Establish exclusion zones around the work area</li> <li>- Use dust extraction systems if available</li> <li>- Limit cleaning duration to minimize noise exposure</li> <li>- Post warning signs to alert others</li> <li>- Ensure proper disposal of debris</li> <li>- Monitor noise levels throughout the process</li> <li>- Use quieter cleaning methods where possible</li> <li>- Provide training on safe cleaning procedures</li> <li>- Ensure adequate lighting for the work area</li> </ul>	1L
6. Working at Heights	Falls from ladders, Falling objects	4A	<ul style="list-style-type: none"> <li>- Use fall protection systems (harness, lifelines)</li> <li>- Ensure ladders are properly opened and locked</li> <li>- Maintain three points of contact when climbing</li> <li>- Secure tools and materials to prevent falling</li> <li>- Establish a spotter or safety watch</li> <li>- Use proper ladder placement and angle</li> <li>- Avoid overreaching while working</li> <li>- Ensure the work area below is clear</li> <li>- Use tool bags or containers for tools</li> <li>- Perform regular safety checks before starting</li> </ul>	2M

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7. Operating Equipment	Inadequate ventilation, Chemical exposure	3H		2M
8. Managing Waste	Contamination, Improper disposal	2M		1L
9. Emergency Procedures	Inadequate response plans, Communication failures	4A		2M

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10. Clean Up	Residual chemicals, Reactivated equipment	2M		1L
11. Debrief	Lack of feedback, Missed safety lessons	2M		1L
12. Reporting	Incomplete records, Data breaches	2M		1L

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13. Equipment Maintenance	Delayed servicing, Faulty equipment	3H		2M
14. Continuous Improvement	Complacency, Resistance to change	2M		1L
15. End of Shift	Fatigue, Missed handovers	2M		1L

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16. Documentation	Inconsistent terminology, Misfiled records	2M	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	1L
17. Training	Inadequate skills, Lack of refreshing	3H	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	1L

## 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.