

## Removal Of Graffiti With Harsh Substances 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			<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>	

### Risk Rating & Required Action:

<b>4A</b>	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.
<b>3H</b>	Review and approve additional controls before task starts. Senior supervisor sign-off needed.
<b>2M</b>	Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.
<b>1L</b>	Proceed, following standard operating procedures. Monitor and keep records.

### Consequence Scale:

Consequence	People (injury/illness)	Project / Assets	Compliance / Reputation
<b>Catastrophic</b>	Fatality or permanent total disability	project shutdown	Significant regulator intervention; criminal prosecution
<b>Major</b>	Serious injury/illness (hospital > 5 days)	critical delay	Improvement notice; major media coverage
<b>Moderate</b>	Medical-treatment injury; lost-time > 1 day	moderate delay	Minor breach; adverse client comment
<b>Minor</b>	First-aid only, no lost time	negligible delay	Isolated non-conformance
<b>Insignificant</b>	No injury	no schedule impact	Deviation caught and corrected on site

### Notes on Hierarchy of Controls:

Remember to apply controls in the preferred order shown by the coloured pyramid:

- Eliminate**
- Substitute
- Isolate
- Engineering
- Administrative
- PPE

Always document **why** a lower-order control is accepted if elimination or substitution is not reasonably practicable.

*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	Chemical exposure, Slip hazard	3H	<ul style="list-style-type: none"> <li>- Review Safety Data Sheets for chemicals used</li> <li>- Ensure area is well-ventilated prior to starting work</li> <li>- Implement spill management procedures</li> <li>- Clear area of unnecessary items to prevent slips</li> <li>- Wear appropriate PPE including gloves and goggles</li> <li>- Conduct a risk assessment prior to commencing work</li> <li>- Mark and barricade the work area</li> <li>- Ensure adequate lighting is available</li> <li>- Train workers on the specific hazards of the substances</li> <li>- Provide designated wash facilities for decontamination</li> </ul>	2M
2. Selection of Equipment	Injury from incorrect equipment use, Fire risk	2H	<ul style="list-style-type: none"> <li>- Select equipment suitable for task and materials</li> <li>- Ensure all electrical equipment is tested and tagged</li> <li>- Provide fire extinguishers and train workers in their use</li> <li>- Inspect equipment for damage prior to use</li> <li>- Follow manufacturer guidelines for equipment use</li> <li>- Provide training on the proper use of equipment</li> <li>- Store flammable substances safely and away from ignition</li> <li>- Use non-sparking tools where necessary</li> <li>- Maintain records of equipment inspections and maintenance</li> <li>- Instruct workers in emergency procedures specific to equipment</li> </ul>	1L
3. Securing Area	Unauthorised access, Trip hazard	3H	<ul style="list-style-type: none"> <li>- Erect barriers or signs to prevent entry</li> <li>- Maintain clear access ways around work area</li> <li>- Assign a supervisor to monitor the area</li> <li>- Use safety cones and tape to mark boundaries</li> <li>- Regularly inspect the area for new hazards</li> <li>- Ensure all workers understand the importance of site security</li> <li>- Remove personal items from the work area</li> <li>- Store tools and materials securely</li> </ul>	2M

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			<ul style="list-style-type: none"> <li>- Implement a buddy system for monitoring hazards</li> <li>- Require visitors to sign in before entering work site</li> </ul>	
4. Testing Graffiti Remover	Chemical splash, Skin irritation	3H	<ul style="list-style-type: none"> <li>- Wear appropriate PPE (goggles, gloves, apron)</li> <li>- Test in a well-ventilated area</li> <li>- Avoid contact with skin and eyes</li> <li>- Use a small amount of product</li> <li>- Do not inhale fumes</li> <li>- Wash hands thoroughly after use</li> <li>- Store product in a secure container</li> <li>- Dispose of waste properly</li> <li>- Keep product away from children and pets</li> <li>- Do not mix with other chemicals</li> <li>- Use a clean, dry surface for testing</li> <li>- Avoid using on sensitive surfaces</li> <li>- Test on a small, inconspicuous area first</li> <li>- Follow manufacturer's instructions</li> <li>- Use a brush or applicator for application</li> <li>- Do not use on painted or finished surfaces</li> <li>- Avoid using on porous materials</li> <li>- Test on a surface that can be easily cleaned</li> <li>- Use a clean cloth to wipe off excess product</li> <li>- Do not use on surfaces that will be touched frequently</li> <li>- Test on a surface that is not visible to the public</li> <li>- Use a clean, dry surface for testing</li> <li>- Avoid using on sensitive surfaces</li> <li>- Test on a small, inconspicuous area first</li> <li>- Follow manufacturer's instructions</li> <li>- Use a brush or applicator for application</li> <li>- Do not use on painted or finished surfaces</li> <li>- Avoid using on porous materials</li> <li>- Test on a surface that can be easily cleaned</li> <li>- Use a clean cloth to wipe off excess product</li> <li>- Do not use on surfaces that will be touched frequently</li> <li>- Test on a surface that is not visible to the public</li> </ul>	1L
5. Application of Graffiti Remover	Inhalation of fumes, Dermal exposure to chemicals	4A	<ul style="list-style-type: none"> <li>- Wear appropriate PPE (respirator, gloves, apron)</li> <li>- Apply in a well-ventilated area</li> <li>- Avoid contact with skin and eyes</li> <li>- Use a small amount of product</li> <li>- Do not inhale fumes</li> <li>- Wash hands thoroughly after use</li> <li>- Store product in a secure container</li> <li>- Dispose of waste properly</li> <li>- Keep product away from children and pets</li> <li>- Do not mix with other chemicals</li> <li>- Use a clean, dry surface for application</li> <li>- Avoid using on sensitive surfaces</li> <li>- Test on a small, inconspicuous area first</li> <li>- Follow manufacturer's instructions</li> <li>- Use a brush or applicator for application</li> <li>- Do not use on painted or finished surfaces</li> <li>- Avoid using on porous materials</li> <li>- Test on a surface that can be easily cleaned</li> <li>- Use a clean cloth to wipe off excess product</li> <li>- Do not use on surfaces that will be touched frequently</li> <li>- Test on a surface that is not visible to the public</li> <li>- Use a clean, dry surface for application</li> <li>- Avoid using on sensitive surfaces</li> <li>- Test on a small, inconspicuous area first</li> <li>- Follow manufacturer's instructions</li> <li>- Use a brush or applicator for application</li> <li>- Do not use on painted or finished surfaces</li> <li>- Avoid using on porous materials</li> <li>- Test on a surface that can be easily cleaned</li> <li>- Use a clean cloth to wipe off excess product</li> <li>- Do not use on surfaces that will be touched frequently</li> <li>- Test on a surface that is not visible to the public</li> </ul>	2M
6. Removal of Dissolved Graffiti	Chemical spill, Physical strain	3H	<ul style="list-style-type: none"> <li>- Wear appropriate PPE (goggles, gloves, apron)</li> <li>- Remove in a well-ventilated area</li> <li>- Avoid contact with skin and eyes</li> <li>- Use a small amount of product</li> <li>- Do not inhale fumes</li> <li>- Wash hands thoroughly after use</li> <li>- Store product in a secure container</li> <li>- Dispose of waste properly</li> <li>- Keep product away from children and pets</li> <li>- Do not mix with other chemicals</li> <li>- Use a clean, dry surface for removal</li> <li>- Avoid using on sensitive surfaces</li> <li>- Test on a small, inconspicuous area first</li> <li>- Follow manufacturer's instructions</li> <li>- Use a brush or applicator for removal</li> <li>- Do not use on painted or finished surfaces</li> <li>- Avoid using on porous materials</li> <li>- Test on a surface that can be easily cleaned</li> <li>- Use a clean cloth to wipe off excess product</li> <li>- Do not use on surfaces that will be touched frequently</li> <li>- Test on a surface that is not visible to the public</li> <li>- Use a clean, dry surface for removal</li> <li>- Avoid using on sensitive surfaces</li> <li>- Test on a small, inconspicuous area first</li> <li>- Follow manufacturer's instructions</li> <li>- Use a brush or applicator for removal</li> <li>- Do not use on painted or finished surfaces</li> <li>- Avoid using on porous materials</li> <li>- Test on a surface that can be easily cleaned</li> <li>- Use a clean cloth to wipe off excess product</li> <li>- Do not use on surfaces that will be touched frequently</li> <li>- Test on a surface that is not visible to the public</li> </ul>	2M

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7. Rinsing Surface	Water damage, Slip hazard	2M		1L
8. Disposal of Waste	Environmental contamination exposure to hazardous waste	3H		1L
9. Decontamination	Chemical residue on PPE, Ingestion or inhalation during removal	3H		2M

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10. Post-Removal Inspection	Residual chemical residue, Structural damage	3H		1L
11. Sign-Off and Documentation	Missed reporting, Inaccurate records	2M		1L
12. Worker De-brief	Poor communication, Unresolved issues	2M		1L

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13. Equipment Clean-up	Residual chemicals on equipment, Equipment damage	3H		2M
14. Public Notification	Delayed notifications, Incorrect information	2M		1L
15. Review and Continuous Improvement	Reduced operational efficiency, Failure to identify new risks	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.