

Roughening And Etch	ning Concrete Using Abras	sives Risk Assessment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
THIS RISK ASSESSM	MENT IS APPROVED BY THE PC	BU OI " PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a pis prepared before the proposed work starts.	person conducting a busine or un	ndertaking PCBU required to ensu	re that a RISK ASSESSMENT
Full Name:			
Signature:		ritle:	Date:
CL	OR PRICE L. CO. TRACTOR	DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project N.			

Version 2.5 Authorised by Review # Review Date:



RISK MATRIX LIKELIHOOD INSIGNIFICANT MINOR MODERATE MAJOR CATASTROPHIC HIERARCHY OF CONTROLS SCORE ACTION Elimination ALMOST 3 HIGH 3 HIGH 4 4 ACUTE ACUTE ACUTE **CERTAIN** Remove the hazard. Substitution 4 DO NOT Replace the hazard. LIKELY MODERATE HIGH HIGH ACUTE ACUTE ACUTE ROCEED Isolation Isolate People from the hazard 2 3 4 3H Rev before POSSIBLE MODERATE ACUTE ACUTE LOW HIGH HIGH. work Engineering Isolate the l/Acchanich. Ensure control 2 3 2M istrativ UNLIKELY measures in LOW LOW MODERATE HIGH ACU RATE е place. Chang 2 MODERATE 3 HIGH 1L Monitor and RARE LOW LOW LOW keep records.

Risk Rating & Required Action:

4A	Stop work. The risk is intolerable, minate the hazard redesign the activity before proceeding. A Safe Work
	Method Statement (SWMS) or hit er-level authorisation is required.
3H	Review and approve additional controls to the last arts. Senior supervisor sign-off needed.
2M	Ensure all nominated controls are in prace and efficiency roceed with caution; monitor conditions.
1L	Proceed, following standard operating procedures. Monitor and keep records.

Consequence Scale:

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
ivioderate	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

Notes on Hierarchy of Controls:

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

- 1. Eliminate
- Substitute
- Isolate
- 4. Engineering
- 5. Administrative
- 6. 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	Dust inhalation, Slips and trips	3H	- Conduct a site walk to identify and remove trip hazonts - Use signage to alert personnel to the working rea - Ensure ventilation systems are operations - Provide personnel with respiratory protective quite cent (RPE) - Conduct RPE fit testing and training - Mark out the work area bounts v - Check all equipment price of use - Employ due appression chinique such a vet methods - Companication a work pain to all team members before starting - Ensure person as are wearing appropriate PPE including footwear	2M
2. Equipment Set-Up	Electric shock, Manual 1997 g injuries	31	 Inspec all entrical enipment for faults or damage Insure of electronals are tagged and tested Use not leakage protection Insure of eakage protection Insure of eakage protection Insure of eakage protection Insure of eakage protection Insure all government Insure all guards and safety mechanisms are in place on equipment Insure all guards and wear rubber-soled shoes Insure all guards and wear rubber-soled shoes Insure all guards and safety mechanisms are in place on equipment Insure all guards and safety mechanisms are in place on equipment Insure all guards and safety mechanisms are in place on equipment Insure all guards and safety mechanisms are in place on equipment Insure all guards and safety mechanisms are in place on equipment 	1L
3. Surface Cleaning	Chemical exposure, Skin irritation	ЗН	- Use less hazardous cleaning agents if possible - Wear personal protective equipment (PPE) including gloves and goggles - Ensure emergency eye wash stations are available and functional - Follow manufacturer's instructions for use - Ensure proper ventilation in the area - Train workers on chemical handling procedures - Store chemicals in correctly labelled containers - Limit access to the areas where chemicals are being used	2M



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			- Conduct regular inspections for chemical leaks or spills	
			- Dispose of chemical waste according to relevant regulations and guidelines	
4. Selecting Abrasives	Incorrect abrasive selection, Dust generation	3H		2M
5. Machine Operation	Entrapment, Nois exposure	4A		2M
6. Monitoring Conditions	Fatigue, Environmental hazards	ЗН		2M



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7. Completing Work	Residual dust, Incomplete work causing safety issues	2M		1L
8. Site Clearance	Traffic incidents, Injuom movin heavy equipment	ЗН		1L
9. Record Keeping	Data mishandling, Compliance failures	2M		1L

Review Date:



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10. Final Inspection	Overlooked hazards, Substandard work left unaddressed	зн		1L
11. Safety Debriefing	Knowledge gaps, Missechlearning opportunities	2M		1L
12. Tool Maintenance	Defective tools, Improper tool handling	ЗН		1L



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13. Environmental Controls	Pollution, Disturbance to local fauna	2M		1L
14. Emergency Preparedness	Inadequate emergency response, Panic during critical incidents	4A		2M
15. Reporting and Review	Incomplete reporting, Failure to learn from incidents	2M		1L



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			A	
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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. ANY STATE OF AT 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/codes-oi-practic

Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-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/legislations/

Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis > odes-oi racti

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 201

Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/wo_place-

Codes of Practice NT: https://worksafe.nt.gov.au/f

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/le

Codes of Practice for SA: https://www.safework.sa.gov.au/work_aces/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.

Victoria

Occupational Health at Safety Act 34

Occupational Health and afety gulations 2017

Legis on VIC: https://www.wksafe.vic.gov.au/occupational-health-and-safety-act-and-

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des on actice VI autros://www.worksafe.vic.gov.au/compliance-codes-and-codes-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

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