

F	ume Hood Risk Assessme	ent	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Ema:	
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THIS RISK ASSESSI	MENT IS APPROVED BY THE PC	BU OI Y AROJECT	
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 LCO. TRACTOR I	DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project			

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 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 hi	er-level authorisation	is required.
3H	Review and approve additional c	role ask	arts. Senior supervisor sign-off needed.
2M	Ensure all nominated controls are in	prace and efficive	Proceed with caution; monitor conditions.
1L	Proceed, following standard operating	ng procedurer //oni	itor 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
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

Notes on Hierarchy of Controls:

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

- 1. Éliminate
- 2. Substitute
- 3. 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	Chemical exposure, Inhalation of fumes	3H	- Review Safety Data Sheets (SDS) for all substance to be used. - Ensure all safety equipment is available and containal. - Conduct a brief safety meeting with all personnel involve. - Ensure proper ventilation is functioning. - Conduct a risk assessment. - Wear appropriate personal pranctive equipment (an Expanding gloves and goggles. - Confirm that emagency a block are in place. - Calibrate for a hood setting and expare for conality. - Veriforpill kits are accordable. - Description a certage and trained supervisor for overseeing procedures.	2M
2. Equipment Setup	Equipment malfunction. Slip and trip hazards	21	 Check II et vical conections and ensure they are intact and safe. Check III et vical conecessary items to prevent trip hazards. Ensure to work area is dry and free from spills. Lest fume hood alarms and sensors before commencement. Label and organise equipment for easy identification. Use secure storage for flammable and volatile chemicals. Ensure all equipment complies with safety standards. Use non-slip mats where applicable. Assign a designated area for waste disposal. Provide proper training for operating specific equipment. 	1L
3. Chemical Handling	Spillage, Contact with skin	4A	 - Wear chemical-resistant gloves and aprons. - Use a spill containment tray to catch any spills. - Ensure all containers are labelled and unopened before starting. - Utilize chemical transfer funnels to minimize spillage. - Clearly mark chemical storage and handling areas. - Provide emergency eyewash stations. - Limit the amount of chemicals handled at one time. - Transfer chemicals away from edges of the work surface. 	2M



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			- Implement double-gloving techniques for high-risk chemicals.	
			- Monitor work area air quality continuously.	
4. Operation Start	Exposure to hazardous fumes, Incorrect use of equipment	3H		1L
5. Monitoring	Equipment failure umes build-up	ЗН		2M
6. Chemical Reactions	Release of toxic fumes, Unexpected reactions	4A		2M



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7. Waste Disposal	Chemical spills, Contamination	3H		1L
8. Decontamination	Skin irritation, Contact and States	3M		1L
9. Shutdown Procedure	Residual chemical exposure, Equipment damage	2M		1L



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10. Review	Inadequate procedure updates, Overlooked risks	ЗН		1L
11. Maintenance	Faulty equipment, Unscheduled downtime	2M		1L
12. Emergency Procedures	Inadequate response, Delayed evacuation	4A		2M



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13. Training	Insufficient knowledge, Inexperienced staff	3H		1L
14. Communication	Miscommunication, Lack of updates	2M		1L
15. Documentation	Inadequate record keeping, Loss of information	3H		1L



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16. Post-Operation Cleaning	Chemical residue, Cross-contamination	3Н		1L
17. Inspection	Unidentified risks, Neglected maintenance	ЗН		1L
18. Feedback	Unreported issues, Inadequate feedback channels	2M		1L



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19. Auditing	Non-compliance, Oversights	ЗН		1L
20. Continuous Improvement	Stagnation in safety practices, Resistance to change	2M		1L



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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

 $\underline{\text{Legislation QLD:}} \ \underline{\text{https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws}}$

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

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/legislati

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/legislation

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