Installing Plastic Fencing Risk Assessment

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

THIS RISK ASSESSMENT IS APPROVED BY THE PCBU OF 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:

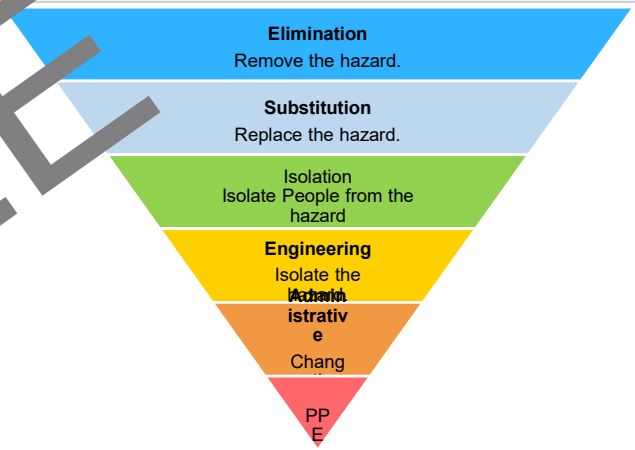
CLIENT OR PRINCIPAL CONTRACTOR DETAILS

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
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE		
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Rev before work
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACU	2M MO RATE	Ensure control measures in place.
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 H	1L LOW	Monitor and keep records.

HIERARCHY OF CONTROLS



Risk Rating & Required Action:

4A	Stop work. The risk is intolerable. E inate the hazar redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or hi er-level authorisati is required.
3H	Review and approve additional c rols b ask arts. Senior supervisor sign-off needed.
2M	Ensure all nominated controls are in place and effe ive. Proceed 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
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. **Eliminate**
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	untidy work area, incorrect tools usage, insufficient training, hazardous materials exposure, PPE inadequacies , incorrect tools usage	3H	- Conduct a toolbox talk to highlight hazards specific to the task and work area - Ensure all workers are trained and competent for the task - Maintain a clean work area to prevent slips, trips, and falls - Verify workers have and use appropriate PPE, including gloves, safety goggles, and dust masks - Conduct pre-start checks on all tools and equipment - Prepare a Safety Data Sheet (SDS) for hazardous materials - Ensure first aid resources are easily accessible in case of incidents - Complete a site Specific Risk Assessment - Use designated pathways to avoid hazardous areas - Establish a buddy system for communication and safety	2M
2. Delivery of Materials	vehicle movements, manual lifting, potential blocking of exits, environmental exposure , manual handling injuries	3H	- Ensure adequate pedestrian and vehicle separation during delivery - Schedule deliveries during off-peak hours - Use mechanical aids to assist with lifting where possible - Clearly mark unloading zones - Provide manual handling training to all workers involved in lifting tasks - Utilize proper lifting techniques - Implement spotters to guide reversing vehicles - Establish contingency plans for adverse weather conditions - Store materials safely without blocking access or exits - Inspect materials for potential hazards before handling	2M
3. Site Induction	unfamiliarity with site-specific risks, access issues, improper PPE use, fire safety protocols oversight, emergency unawarety , fire safety knowledge deficit	2M	- Conduct site-specific inductions covering unique risks - Provide maps or guides for access routes - Ensure all workers understand emergency procedures - Reiterate the correct PPE to be worn - Use visual aids to reinforce information - Provide language and literacy support if needed - Include a tour of emergency assembly points - Brief workers on site communication protocols and contact persons	1L

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			- Familiarize workers with fire safety equipment and exit routes - Develop an emergency response drill	
4. Unloading Materials	being struck by moving objects, manual handling, load shifting during transit, uncontrolled release of materials, traffic exposure , load instability	4A	[redacted]	2M
5. Handling Plastic Fencing	cuts and abrasions, ent[redacted]t, excessive bending a[redacted] twisting, exposure to sharp [redacted]ges, repetitive strain injury , fenc[redacted] unhand[redacted]gy release	3H	[redacted]	1L
6. Cutting Materials	injuries from sharp blades, noise exposure, cut-off sparks, eye injuries, airborne dust , blade contact or kickback	4A	[redacted]	2M

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			[redacted]	
7. Measuring and Marking Areas	inaccurate measurements, tripping over tools, misalignment, repetitive motion, visibility impairment , mismeasurement tool error	2M	[redacted]	1L
8. Drilling Holes	noise, inhalation o[redacted], drill kickback , overheating or tool seizur[redacted]	3H	[redacted]	2M
9. Securing Fencing Posts	post instability, hand tool injuries, future ground movement, tension release, tool slipping , fastening misapplication	4A	[redacted]	2M

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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
			[redacted]	
10. Installing Fencing Panels	panel dropping, misfires of nail guns, incorrect spacing, sharp edges, back injury, slipping causing injury	4A	[redacted]	1L
11. Electrical Work	electrocution, tool malfunction, incorrect wire connections, short circuit, inadequate earth grounding , faulty installation	4A	[redacted]	2M
12. Painting and Finishing	exposure to VOCs, slip risks from spills, inadequate ventilation, eye irritation, ladder falls , paint fumes	3H	[redacted]	1L

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			[redacted]	
13. Quality Inspection	missed defects, structural weaknesses, incomplete documentation, human error, tool fatigue , overlooked stability issues	2M	[redacted]	1L
14. Site Cleanup	injuries from leftover materials, dust exposure, chemical spills, trip hazards, misuse of disposal equipment , inadequate waste management	3H	[redacted]	1L
15. Post-Completion Review	incomplete documentation, oversights, inadequate feedback loops, final check misses, future liability , task oversight	2M	[redacted]	1L

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			[redacted]	

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 FOR 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

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-of-codes-of-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/forms-and-resources/codes-of-practice

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.

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

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