

Work At Heights On Large Vehicles 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			Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	Substitution 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.	Engineering Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	Administrative Change	
								PPE	
Risk Rating & Required Action:								Notes on Hierarchy of Controls:	
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	
								4. Engineering	
								5. Administrative	
								6. PPE	
Consequence Scale:								Always document why a lower-order control is accepted if elimination or substitution is not reasonably practicable.	
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				
								<i>aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.</i>	

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	slips, trips	3H	<ul style="list-style-type: none"> - Conduct site inspection to identify potential hazards. - Ensure adequate lighting in the work area. - Secure tools and equipment to prevent obstruction. - Provide clear signage to alert workers of potential risks. - Wear appropriate footwear with non-slip soles. - Establish designated access paths around the vehicle. - Conduct training session on hazard awareness. - Regularly inspect footwear for wear and tear. - Brief workers on emergency procedures. - Ensure communication devices are functioning properly. 	2M
2. Assembling Equipment	manual handling injuries using tools	4H	<ul style="list-style-type: none"> - Use mechanical aids to lift heavy equipment. - Position equipment away from edges to avoid accidental knocks. - Wear personal protective equipment including gloves and helmets. - Regularly inspect equipment for safety compliance. - Complete manual handling training. - Use tool lanyards to secure tools when working at height. - Ensure loads are within safe manual handling limits. - Implement a buddy system for assistance in heavy lifting. - Label load weights visibly on lifting equipment. - Follow manufacturer's guidelines for equipment assembly. 	2M
3. Securing Vehicle	vehicle movement, entrapment	3H	<ul style="list-style-type: none"> - Engage parking brake before starting work. - Use wheel chocks to secure vehicle position. - Ensure vehicle is on a level surface. - Display warning signs around work area. - Conduct vehicle stability checks. - Educate workers on chocking protocols. - Allow only authorised personnel to secure vehicles. - Inspect chocks for wear before use. 	1L

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			<ul style="list-style-type: none"> - Establish exclusion zones around vehicle. - Conduct regular refresher training on vehicle stability 	
4. Installing Safety Barriers	fall from height, barrier failure	4A	<ul style="list-style-type: none"> - Use fall protection equipment (harness, lanyard, lifeline) when working at height. - Ensure barriers are installed correctly and securely. - Use proper lifting techniques to avoid injury. - Wear safety glasses to protect eyes from debris. - Use hand tools safely and correctly. - Keep work area clean and free of clutter. - Use proper communication techniques when working with others. - Follow all safety protocols and procedures. - Use proper tie-off techniques when working at height. - Ensure all equipment is in good working order. - Use proper fall arrest techniques. - Wear proper footwear (steel-toe boots). - Use proper hand signals when working with others. - Follow all safety rules and regulations. - Use proper climbing techniques when working at height. - Ensure all safety equipment is properly inspected and maintained. - Use proper fall arrest techniques. - Wear proper footwear (steel-toe boots). - Use proper hand signals when working with others. - Follow all safety rules and regulations. - Use proper climbing techniques when working at height. - Ensure all safety equipment is properly inspected and maintained. 	2M
5. Using Ladders	falls, incorrect ladder use	4A	<ul style="list-style-type: none"> - Use ladders only for their intended purpose. - Ensure ladders are in good working order. - Use proper climbing techniques. - Keep ladders stable and secure. - Use proper hand signals when working with others. - Follow all safety protocols and procedures. - Use proper tie-off techniques when working at height. - Ensure all equipment is in good working order. - Use proper fall arrest techniques. - Wear proper footwear (steel-toe boots). - Use proper hand signals when working with others. - Follow all safety rules and regulations. - Use proper climbing techniques when working at height. - Ensure all safety equipment is properly inspected and maintained. - Use proper fall arrest techniques. - Wear proper footwear (steel-toe boots). - Use proper hand signals when working with others. - Follow all safety rules and regulations. - Use proper climbing techniques when working at height. - Ensure all safety equipment is properly inspected and maintained. 	2M
6. Assessing Weather Conditions	adverse weather, wind gusts	3H	<ul style="list-style-type: none"> - Monitor weather conditions and forecasts. - Avoid working in adverse weather conditions. - Use proper safety equipment when working in adverse weather. - Follow all safety protocols and procedures. - Use proper tie-off techniques when working at height. - Ensure all equipment is in good working order. - Use proper fall arrest techniques. - Wear proper footwear (steel-toe boots). - Use proper hand signals when working with others. - Follow all safety rules and regulations. - Use proper climbing techniques when working at height. - Ensure all safety equipment is properly inspected and maintained. - Use proper fall arrest techniques. - Wear proper footwear (steel-toe boots). - Use proper hand signals when working with others. - Follow all safety rules and regulations. - Use proper climbing techniques when working at height. - Ensure all safety equipment is properly inspected and maintained. 	1L

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7. Providing Fall Protection	working at height, free fall	4A		1L
8. Removing Obstructions	tripping hazards, stored objects falling	3H		1L
9. Using Personal Protective Equipment (PPE)	equipment failure, PPE misuse	3H		1L

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10. Surveillance and Monitoring	lack of supervision, unauthorized access	3H		1L
11. Working near Overhead Lines	electrocution, line contact	4A		2M
12. Coordination with Other On-site Activities	work interference, conflicting schedules	3H		1L

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13. Handling Emergency Situations	accidents, evacuations	4A		2M
14. Reporting and Record Keeping	loss of data, inaccurate records	3H		1L
15. End of Day Procedures	incomplete lockout, hidden hazards	3H		2M

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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.