

## Compact Loader 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:

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.
3H	Review and approve additional controls before task starts. Senior supervisor sign-off needed.
2M	Ensure all nominated controls are in place and effective. 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:

- 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. Conduct Site Inspection	Slippery surfaces, Uneven ground	3H	<ul style="list-style-type: none"> <li>- Conduct a thorough visual inspection to identify potential hazards.</li> <li>- Ensure pathways are dry and clear.</li> <li>- Provide training on hazard identification.</li> <li>- Implement signage for slippery areas.</li> <li>- Use barriers for uneven surfaces.</li> <li>- Conduct daily risk assessments.</li> <li>- Report any identified hazards to the site manager.</li> <li>- Establish communication protocols.</li> <li>- Ensure proper footwear is worn.</li> <li>- Document all findings.</li> </ul>	2M
2. Perform Pre-Operational Checks	Faulty equipment, Electrical hazards	3H	<ul style="list-style-type: none"> <li>- Conduct a comprehensive check of all equipment functionality.</li> <li>- Check electrical connections for any damage.</li> <li>- Ensure regular maintenance is recorded.</li> <li>- Provide checklists for operators.</li> <li>- Confirm all safety mechanisms are in place.</li> <li>- Verify calibration of instruments.</li> <li>- Tag out defective equipment immediately.</li> <li>- Provide training on equipment inspection.</li> <li>- Use insulated tools for electrical checks.</li> <li>- Display emergency contact information.</li> </ul>	1L
3. Wear Appropriate PPE	Inadequate protection, PPE failure	2M	<ul style="list-style-type: none"> <li>- Ensure all workers have access to and are wearing PPE.</li> <li>- Inspect PPE before use for signs of wear.</li> <li>- Provide training on correct PPE usage.</li> <li>- Review and update PPE requirements regularly.</li> <li>- Have replacements available on site.</li> <li>- Establish a PPE compliance protocol.</li> <li>- Conduct random PPE checks.</li> <li>- Encourage reporting of PPE issues.</li> </ul>	1L

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			- Maintain a PPE inventory log. - Use PPE from reputable suppliers.	
4. Equipment Startup	Mechanical failure, Exposure to moving parts	4A	- Perform pre-start inspection of equipment. - Ensure all safety guards are in place and functional. - Do not wear loose clothing or jewelry. - Keep work area clear of obstacles. - Do not reach into moving parts. - Use proper lifting techniques. - Follow manufacturer's instructions. - Report any issues immediately. - Use designated walkways. - Do not operate equipment if impaired. - Lock out/tag out before maintenance.	2M
5. Load Material	Overloading, Material spillage	3H	- Check weight limits and capacity. - Distribute load evenly. - Secure load properly. - Use proper tie-down technique. - Check for leaks or spills. - Clean up spills immediately. - Use spill containment. - Report any issues. - Do not exceed weight limits. - Use proper stacking techniques. - Inspect equipment before use.	2M
6. Transport Material	Collision, Loss of control	4A	- Drive safely and within limits. - Avoid distractions. - Do not drink and drive. - Maintain safe following distance. - Use proper lane discipline. - Report any issues. - Do not use mobile devices. - Stay alert. - Use proper signaling. - Inspect vehicle before trip. - Avoid adverse weather conditions.	3H

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7. Dump Material	Tipping hazard, Unstable dumping ground	4A		2M
8. Shutdown Equipment	Residual energy release. In shutdown procedure	3H		1L
9. Conduct Post-Operational Checks	Hidden faults, Accumulated debris	3H		2M

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10. Secure Equipment	Theft, Unauthorised usage	3H		1L
11. Notify Supervisor	Communication breakdown, Delayed incident reporting	3H		2M
12. Review and Update Risk Assessment	Outdated procedures, Missed hazards	3H		1L

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13. Conduct Training Sessions	Inadequate training coverage, Training fatigue	3H		1L
14. Maintain Equipment	Equipment deterioration, Delayed maintenance	4A		2M
15. Assess Emergency Preparedness	Unforeseen emergencies, Inadequate emergency plans	4A		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.