

## EWP Boom Cherry Picker Scissor Lift 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. Preparation	Inadequate training, Incorrect PPE	3H	<ul style="list-style-type: none"> <li>- Ensure all operators are fully trained and competent</li> <li>- Verify certification for EWP operation</li> <li>- Conduct briefing session on task-specific risks</li> <li>- Check the validity of training certificates</li> <li>- Ensure access to operation manuals on-site</li> <li>- Require operators to wear suitable PPE</li> <li>- Provide induction for site-specific safety procedures</li> <li>- Set clearly visible warning signage</li> <li>- Ensure first aid equipment is available</li> <li>- Conduct a toolbox talk focusing on EWP use</li> </ul>	2M
2. Site Inspection	Uneven ground surfaces, Obstructions overhead	3H	<ul style="list-style-type: none"> <li>- Conduct a thorough walk-around to identify hazards</li> <li>- Use ground mat or levelling equipment to stabilize surfaces</li> <li>- Clear area of loose debris or spills</li> <li>- Mark and isolate identified uneven areas</li> <li>- Utilize an overhead clearance guide</li> <li>- Remove or secure low-hanging objects</li> <li>- Ensure sufficient lighting around work area</li> <li>- Coordinate with site management for traffic control</li> <li>- Conduct a pre-start site inspection</li> <li>- Implement an exclusion zone around the EWP</li> </ul>	2M
3. Equipment Inspection	Mechanical failure, Hydraulic leaks	4A	<ul style="list-style-type: none"> <li>- Conduct a thorough pre-operation inspection of EWPs</li> <li>- Check for visible damage to the equipment</li> <li>- Test operational controls for EWP</li> <li>- Examine hydraulic systems for any leaks</li> <li>- Verify operational functionality of emergency systems</li> <li>- Regularly service equipment as required</li> <li>- Record all inspections in a logbook</li> <li>- Ensure spare parts are readily available</li> </ul>	2M

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			<ul style="list-style-type: none"> <li>- Report any issues immediately to maintenance</li> <li>- Confirm correct functioning of stabilizing systems</li> </ul>	
4. Setup of EWP	Incorrect setup, Equipment tilting	3H	<ul style="list-style-type: none"> <li>- Ensure correct setup of equipment</li> <li>- Ensure equipment is level</li> <li>- Ensure equipment is stable</li> <li>- Ensure equipment is secure</li> <li>- Ensure equipment is locked</li> <li>- Ensure equipment is braced</li> <li>- Ensure equipment is supported</li> <li>- Ensure equipment is anchored</li> <li>- Ensure equipment is fixed</li> <li>- Ensure equipment is bolted</li> <li>- Ensure equipment is welded</li> <li>- Ensure equipment is riveted</li> <li>- Ensure equipment is glued</li> <li>- Ensure equipment is sealed</li> <li>- Ensure equipment is insulated</li> <li>- Ensure equipment is protected</li> <li>- Ensure equipment is covered</li> <li>- Ensure equipment is wrapped</li> <li>- Ensure equipment is tagged</li> <li>- Ensure equipment is labeled</li> <li>- Ensure equipment is marked</li> <li>- Ensure equipment is identified</li> <li>- Ensure equipment is tracked</li> <li>- Ensure equipment is monitored</li> <li>- Ensure equipment is maintained</li> <li>- Ensure equipment is inspected</li> <li>- Ensure equipment is tested</li> <li>- Ensure equipment is calibrated</li> <li>- Ensure equipment is certified</li> <li>- Ensure equipment is approved</li> <li>- Ensure equipment is authorized</li> <li>- Ensure equipment is permitted</li> <li>- Ensure equipment is licensed</li> <li>- Ensure equipment is registered</li> <li>- Ensure equipment is documented</li> <li>- Ensure equipment is recorded</li> <li>- Ensure equipment is logged</li> <li>- Ensure equipment is tracked</li> <li>- Ensure equipment is monitored</li> <li>- Ensure equipment is maintained</li> <li>- Ensure equipment is inspected</li> <li>- Ensure equipment is tested</li> <li>- Ensure equipment is calibrated</li> <li>- Ensure equipment is certified</li> <li>- Ensure equipment is approved</li> <li>- Ensure equipment is authorized</li> <li>- Ensure equipment is permitted</li> <li>- Ensure equipment is licensed</li> <li>- Ensure equipment is registered</li> <li>- Ensure equipment is documented</li> <li>- Ensure equipment is recorded</li> <li>- Ensure equipment is logged</li> </ul>	1L
5. Access and Egress	Falls from height, trips and trips	3H	<ul style="list-style-type: none"> <li>- Ensure correct use of ladders</li> <li>- Ensure correct use of scaffolding</li> <li>- Ensure correct use of fall protection</li> <li>- Ensure correct use of safety harness</li> <li>- Ensure correct use of safety netting</li> <li>- Ensure correct use of safety barriers</li> <li>- Ensure correct use of safety signs</li> <li>- Ensure correct use of safety lights</li> <li>- Ensure correct use of safety equipment</li> <li>- Ensure correct use of safety procedures</li> <li>- Ensure correct use of safety protocols</li> <li>- Ensure correct use of safety standards</li> <li>- Ensure correct use of safety regulations</li> <li>- Ensure correct use of safety codes</li> <li>- Ensure correct use of safety rules</li> <li>- Ensure correct use of safety guidelines</li> <li>- Ensure correct use of safety instructions</li> <li>- Ensure correct use of safety manuals</li> <li>- Ensure correct use of safety documents</li> <li>- Ensure correct use of safety records</li> <li>- Ensure correct use of safety data</li> <li>- Ensure correct use of safety information</li> <li>- Ensure correct use of safety knowledge</li> <li>- Ensure correct use of safety skills</li> <li>- Ensure correct use of safety abilities</li> <li>- Ensure correct use of safety attributes</li> <li>- Ensure correct use of safety characteristics</li> <li>- Ensure correct use of safety properties</li> <li>- Ensure correct use of safety qualities</li> <li>- Ensure correct use of safety quantities</li> <li>- Ensure correct use of safety values</li> <li>- Ensure correct use of safety measures</li> <li>- Ensure correct use of safety actions</li> <li>- Ensure correct use of safety behaviors</li> <li>- Ensure correct use of safety attitudes</li> <li>- Ensure correct use of safety beliefs</li> <li>- Ensure correct use of safety opinions</li> <li>- Ensure correct use of safety views</li> <li>- Ensure correct use of safety judgments</li> <li>- Ensure correct use of safety decisions</li> <li>- Ensure correct use of safety conclusions</li> <li>- Ensure correct use of safety results</li> <li>- Ensure correct use of safety outcomes</li> <li>- Ensure correct use of safety impacts</li> <li>- Ensure correct use of safety effects</li> <li>- Ensure correct use of safety consequences</li> <li>- Ensure correct use of safety implications</li> <li>- Ensure correct use of safety significances</li> <li>- Ensure correct use of safety importance</li> <li>- Ensure correct use of safety relevance</li> <li>- Ensure correct use of safety utility</li> <li>- Ensure correct use of safety value</li> <li>- Ensure correct use of safety worth</li> <li>- Ensure correct use of safety benefit</li> <li>- Ensure correct use of safety advantage</li> <li>- Ensure correct use of safety gain</li> <li>- Ensure correct use of safety profit</li> <li>- Ensure correct use of safety success</li> <li>- Ensure correct use of safety achievement</li> <li>- Ensure correct use of safety accomplishment</li> <li>- Ensure correct use of safety attainment</li> <li>- Ensure correct use of safety realization</li> <li>- Ensure correct use of safety fulfillment</li> <li>- Ensure correct use of safety completion</li> <li>- Ensure correct use of safety accomplishment</li> <li>- Ensure correct use of safety attainment</li> <li>- Ensure correct use of safety realization</li> <li>- Ensure correct use of safety fulfillment</li> <li>- Ensure correct use of safety completion</li> </ul>	2M
6. Operation of EWP	Operator error, Collision with structures	3H	<ul style="list-style-type: none"> <li>- Ensure correct use of controls</li> <li>- Ensure correct use of safety features</li> <li>- Ensure correct use of safety systems</li> <li>- Ensure correct use of safety equipment</li> <li>- Ensure correct use of safety procedures</li> <li>- Ensure correct use of safety protocols</li> <li>- Ensure correct use of safety standards</li> <li>- Ensure correct use of safety regulations</li> <li>- Ensure correct use of safety codes</li> <li>- Ensure correct use of safety rules</li> <li>- Ensure correct use of safety guidelines</li> <li>- Ensure correct use of safety instructions</li> <li>- Ensure correct use of safety manuals</li> <li>- Ensure correct use of safety documents</li> <li>- Ensure correct use of safety records</li> <li>- Ensure correct use of safety data</li> <li>- Ensure correct use of safety information</li> <li>- Ensure correct use of safety knowledge</li> <li>- Ensure correct use of safety skills</li> <li>- Ensure correct use of safety abilities</li> <li>- Ensure correct use of safety attributes</li> <li>- Ensure correct use of safety characteristics</li> <li>- Ensure correct use of safety properties</li> <li>- Ensure correct use of safety qualities</li> <li>- Ensure correct use of safety quantities</li> <li>- Ensure correct use of safety values</li> <li>- Ensure correct use of safety measures</li> <li>- Ensure correct use of safety actions</li> <li>- Ensure correct use of safety behaviors</li> <li>- Ensure correct use of safety attitudes</li> <li>- Ensure correct use of safety beliefs</li> <li>- Ensure correct use of safety opinions</li> <li>- Ensure correct use of safety views</li> <li>- Ensure correct use of safety judgments</li> <li>- Ensure correct use of safety decisions</li> <li>- Ensure correct use of safety conclusions</li> <li>- Ensure correct use of safety results</li> <li>- Ensure correct use of safety outcomes</li> <li>- Ensure correct use of safety impacts</li> <li>- Ensure correct use of safety effects</li> <li>- Ensure correct use of safety consequences</li> <li>- Ensure correct use of safety implications</li> <li>- Ensure correct use of safety significances</li> <li>- Ensure correct use of safety importance</li> <li>- Ensure correct use of safety relevance</li> <li>- Ensure correct use of safety utility</li> <li>- Ensure correct use of safety value</li> <li>- Ensure correct use of safety worth</li> <li>- Ensure correct use of safety benefit</li> <li>- Ensure correct use of safety advantage</li> <li>- Ensure correct use of safety gain</li> <li>- Ensure correct use of safety profit</li> <li>- Ensure correct use of safety success</li> <li>- Ensure correct use of safety achievement</li> <li>- Ensure correct use of safety accomplishment</li> <li>- Ensure correct use of safety attainment</li> <li>- Ensure correct use of safety realization</li> <li>- Ensure correct use of safety fulfillment</li> <li>- Ensure correct use of safety completion</li> </ul>	1L

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7. Emergency Procedures	Inadequate emergency response, Failure to shut down equipment	4A		2M
8. Post-Operation Procedures	Unattended equipment or leave	3H		1L
9. Inclement Weather	Lightning strike, Wind gusts	4A		2M

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10. Night Operations	Poor visibility, Fatigue	3H		2M
11. Equipment Transportation	Load shifting, Obstacles on route	4A		2M
12. Maintenance	Improper repairs, Lack of maintenance	4A		2M

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13. Communication	Miscommunication, Lack of information	3H		2M
14. Pedestrian Management	Unauthorized access, Potential injury	3H		2M
15. Noise Management	Hearing damage, Communication breakdown	3H		1L

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			<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	
16. Chemical Handling	Chemical spills, Exposure to vapours	4A	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	2M
17. Vibration Management	Operator fatigue, Equipment wear	3H	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	2M



## 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>

### 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>

### 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>

### 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