

## Rigging A Damaged Vehicle 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>	
<b>Risk Rating &amp; Required Action:</b>								<b>Notes on Hierarchy of Controls:</b>	
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. <b>Eliminate</b>	
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	
<b>Consequence Scale:</b>								Always document <b>why</b> 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	lack of familiarity with equipment, unsuitable site conditions	3H	<ul style="list-style-type: none"> <li>- Conduct site-specific induction and training</li> <li>- Review vehicle assessment and rigging plan</li> <li>- Verify weather and site conditions are safe</li> <li>- Obtain necessary permits and approvals</li> <li>- Ensure communication devices are functional</li> <li>- Inspect rigging equipment for defects</li> <li>- Assign roles and responsibilities clearly</li> <li>- Secure area from unauthorised personnel</li> <li>- Identify escape routes clearly</li> <li>- Prepare emergency response plans</li> </ul>	2M
2. Site Inspection	uneven terrain, obstructed view	4H	<ul style="list-style-type: none"> <li>- Walk through site for thorough inspection</li> <li>- Identify and remove potential trip hazards</li> <li>- Use temporary lighting if required</li> <li>- Survey site with photographs for reference</li> <li>- Report ground instability or weak spots</li> <li>- Check for nearby overhead utilities</li> <li>- Communicate site hazards to team</li> <li>- Use barricades to isolate hazards</li> <li>- Document findings for planning</li> <li>- Adjust rigging plan based on conditions</li> </ul>	3H
3. Load Assessment	incorrect load calculation, inadequate equipment capacity	4A	<ul style="list-style-type: none"> <li>- Verify weight and condition of the vehicle</li> <li>- Use proper estimation techniques</li> <li>- Consult weight load charts</li> <li>- Select appropriate rigging equipment</li> <li>- Ensure equipment is within load limits</li> <li>- Document load calculations</li> <li>- Double-check equipment certifications</li> <li>- Consult with an engineer if needed</li> </ul>	2M

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			<ul style="list-style-type: none"> <li>- Plan lift with precise calculations</li> <li>- Conduct a briefing on findings</li> </ul>	
4. Equipment Selection	using unsuitable rigging gear, equipment in poor condition	3H	<ul style="list-style-type: none"> <li>- Select appropriate rigging gear</li> <li>- Inspect equipment for damage</li> <li>- Use proper rigging techniques</li> <li>- Ensure equipment is in good condition</li> <li>- Use proper tie-off techniques</li> <li>- Use proper hitching techniques</li> <li>- Use proper bracing techniques</li> <li>- Use proper blocking techniques</li> <li>- Use proper dunnage techniques</li> <li>- Use proper lashing techniques</li> <li>- Use proper securing techniques</li> <li>- Use proper bracing techniques</li> <li>- Use proper blocking techniques</li> <li>- Use proper dunnage techniques</li> <li>- Use proper lashing techniques</li> <li>- Use proper securing techniques</li> </ul>	2M
5. Setup and Positioning	incorrect gear arrangement, unstable setup	4A	<ul style="list-style-type: none"> <li>- Ensure gear is arranged correctly</li> <li>- Ensure setup is stable</li> <li>- Use proper tie-off techniques</li> <li>- Use proper hitching techniques</li> <li>- Use proper bracing techniques</li> <li>- Use proper blocking techniques</li> <li>- Use proper dunnage techniques</li> <li>- Use proper lashing techniques</li> <li>- Use proper securing techniques</li> <li>- Use proper bracing techniques</li> <li>- Use proper blocking techniques</li> <li>- Use proper dunnage techniques</li> <li>- Use proper lashing techniques</li> <li>- Use proper securing techniques</li> </ul>	3H
6. Slinging	incorrect slinging techniques, improper angle of lift	3H	<ul style="list-style-type: none"> <li>- Use proper slinging techniques</li> <li>- Use proper angle of lift</li> <li>- Use proper tie-off techniques</li> <li>- Use proper hitching techniques</li> <li>- Use proper bracing techniques</li> <li>- Use proper blocking techniques</li> <li>- Use proper dunnage techniques</li> <li>- Use proper lashing techniques</li> <li>- Use proper securing techniques</li> <li>- Use proper bracing techniques</li> <li>- Use proper blocking techniques</li> <li>- Use proper dunnage techniques</li> <li>- Use proper lashing techniques</li> <li>- Use proper securing techniques</li> </ul>	2M

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7. Lifting Operation	uncontrolled load movement, failure of lifting gear	4A		3H
8. Moving Load	load shift, collision with obstacles	4A		3H
9. Lowering Load	impact with ground, entanglement	3H		2M

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10. Securing Vehicle	improper securing methods, slippage	3H		1L
11. Equipment Disassembly	equipment falling apart, damage during dismantling	3H		2M
12. Post-Operation Debrief	incomplete debrief, hoist not logged off	2M		1L

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13. Site Cleanup	trip hazards from waste, improper disposal	2M		1L
14. Equipment Maintenance	unexpected equipment failure, incomplete inspection	3H		2M
15. Documentation and Reporting	inaccurate records, data omission	2M		1L

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			<div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	

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.