

## Weather-Related Risks (Outdoor Work) 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:

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	Heat stress, Sun exposure	3H	<ul style="list-style-type: none"> <li>- Schedule work during cooler parts of the day</li> <li>- Ensure availability of shaded rest areas</li> <li>- Supply and enforce the wearing of wide-brimmed hats</li> <li>- Encourage regular hydration, providing water stations</li> <li>- Post warning signs of UV exposure and heat</li> <li>- Offer sunscreen with high SPF for free</li> <li>- Train workers on recognizing symptoms of heat stress</li> <li>- Rotate staff to reduce exposure time</li> <li>- Allow workers to acclimatise to hot conditions</li> <li>- Use mechanical aids to reduce physical exertion</li> </ul>	2M
2. Transportation to Site	Traffic accidents, Vehicle breakdown	3H	<ul style="list-style-type: none"> <li>- Conduct regular vehicle maintenance checks</li> <li>- Ensure drivers have valid licenses and training</li> <li>- Implement a journey management plan with check-in points</li> <li>- Provide emergency communication devices in vehicles</li> <li>- Instruct drivers to follow weather-related advisories</li> <li>- Limit the number of passengers to legal limits</li> <li>- Equip vehicles with emergency and first aid kits</li> <li>- Provide weather-appropriate supplies in vehicles</li> <li>- Use reflective and weather-resistant vehicle signage</li> <li>- Train drivers on defensive driving techniques</li> </ul>	1L
3. Site Setup	Slips, trips, and falls, Poor weather conditions	3H	<ul style="list-style-type: none"> <li>- Conduct a weather forecast review prior to setup</li> <li>- Use non-slip mats in high-risk areas</li> <li>- Ensure clear, well-drained walkways</li> <li>- Erect temporary shelters and wind breaks</li> <li>- Secure equipment to prevent wind displacement</li> <li>- Post hazard signs in areas prone to pooling water</li> <li>- Regularly inspect and clear walkways of debris</li> <li>- Provide workers with appropriate footwear</li> </ul>	2M

<p>falls in wet conditions, slipping injuries</p>	<p>4A</p>	<p>Implement a site-specific after-rain inspection plan</p>
<p>and</p>	<p>4A</p>	<p>[Redacted]</p>

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7. Roofing Work	Falls, Weather exposure	4A		2M
8. Demolition	Debris in high wind, Structure instability	4A		2M
9. Landscaping	Animal/insect bites, Extreme temperature	3H		1L

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10. Roadwork	Drivers losing control, Poor visibility	3H		2M
11. Earthmoving	Heavy rain causing erosion, Equipment tipping	4A		2M
12. Painting	Fumes in confined spaces, Weather affecting drying	3H		1L

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13. Tree Removal	Falling trees, Equipment failure	4A		2M
14. Loading & Unloading Trucks	Load shifting, Slips on wet surfaces	3H		2M
15. Excavation	Trench collapse, Flooding due to rain	4A		2M

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
			<ul style="list-style-type: none"> <li>1. All workers must be trained in the correct use of tools and equipment.</li> <li>2. All workers must wear appropriate PPE (hard hat, safety glasses, gloves, etc.).</li> <li>3. All workers must be briefed on the job and the risks involved.</li> <li>4. All workers must be supervised by a competent person.</li> <li>5. All workers must be aware of the location of overhead power lines.</li> <li>6. All workers must be aware of the location of underground utilities.</li> <li>7. All workers must be aware of the location of other workers.</li> <li>8. All workers must be aware of the location of traffic.</li> <li>9. All workers must be aware of the location of other hazards.</li> <li>10. All workers must be aware of the location of other workers.</li> <li>11. All workers must be aware of the location of traffic.</li> <li>12. All workers must be aware of the location of other hazards.</li> <li>13. All workers must be aware of the location of other workers.</li> <li>14. All workers must be aware of the location of traffic.</li> <li>15. All workers must be aware of the location of other hazards.</li> </ul>	
16. Inspection & Maintenance	Working at height, Slippery surfaces	3H	<ul style="list-style-type: none"> <li>1. All workers must be trained in the correct use of tools and equipment.</li> <li>2. All workers must wear appropriate PPE (hard hat, safety glasses, gloves, etc.).</li> <li>3. All workers must be briefed on the job and the risks involved.</li> <li>4. All workers must be supervised by a competent person.</li> <li>5. All workers must be aware of the location of overhead power lines.</li> <li>6. All workers must be aware of the location of underground utilities.</li> <li>7. All workers must be aware of the location of other workers.</li> <li>8. All workers must be aware of the location of traffic.</li> <li>9. All workers must be aware of the location of other hazards.</li> <li>10. All workers must be aware of the location of other workers.</li> <li>11. All workers must be aware of the location of traffic.</li> <li>12. All workers must be aware of the location of other hazards.</li> <li>13. All workers must be aware of the location of other workers.</li> <li>14. All workers must be aware of the location of traffic.</li> <li>15. All workers must be aware of the location of other hazards.</li> </ul>	1L
17. Power Line Work	Electrocution in wet conditions, High wind impacting stability	4A	<ul style="list-style-type: none"> <li>1. All workers must be trained in the correct use of tools and equipment.</li> <li>2. All workers must wear appropriate PPE (hard hat, safety glasses, gloves, etc.).</li> <li>3. All workers must be briefed on the job and the risks involved.</li> <li>4. All workers must be supervised by a competent person.</li> <li>5. All workers must be aware of the location of overhead power lines.</li> <li>6. All workers must be aware of the location of underground utilities.</li> <li>7. All workers must be aware of the location of other workers.</li> <li>8. All workers must be aware of the location of traffic.</li> <li>9. All workers must be aware of the location of other hazards.</li> <li>10. All workers must be aware of the location of other workers.</li> <li>11. All workers must be aware of the location of traffic.</li> <li>12. All workers must be aware of the location of other hazards.</li> <li>13. All workers must be aware of the location of other workers.</li> <li>14. All workers must be aware of the location of traffic.</li> <li>15. All workers must be aware of the location of other hazards.</li> </ul>	2M
18. Waste Management	Exposure to hazardous waste, Environmental impact due to run-off	3H	<ul style="list-style-type: none"> <li>1. All workers must be trained in the correct use of tools and equipment.</li> <li>2. All workers must wear appropriate PPE (hard hat, safety glasses, gloves, etc.).</li> <li>3. All workers must be briefed on the job and the risks involved.</li> <li>4. All workers must be supervised by a competent person.</li> <li>5. All workers must be aware of the location of overhead power lines.</li> <li>6. All workers must be aware of the location of underground utilities.</li> <li>7. All workers must be aware of the location of other workers.</li> <li>8. All workers must be aware of the location of traffic.</li> <li>9. All workers must be aware of the location of other hazards.</li> <li>10. All workers must be aware of the location of other workers.</li> <li>11. All workers must be aware of the location of traffic.</li> <li>12. All workers must be aware of the location of other hazards.</li> <li>13. All workers must be aware of the location of other workers.</li> <li>14. All workers must be aware of the location of traffic.</li> <li>15. All workers must be aware of the location of other hazards.</li> </ul>	1L



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19. Storm Recovery	Fallen debris, Electrical hazards from water	4A		2M
20. Off-Site Meetings	Travel risks, Weather disruptions	3H		1L

## 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.