

Working In Adver	se Temperature Conditions	s Risk Assessment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Eme	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PC	BU ON Y PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a is prepared before the proposed work starts.	person conducting a busine or ur	ndertaking PCBU required to ensu	ire that a RISK ASSESSMENT
Full Name:			
Signature:		ritle:	Date:
CL	OR PRI. CII. L.CO. TRACTOR	DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project New			



RISK MATRIX							
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE MA	JOR CATASTROPH			HIERARCHY OF CONTROLS
ALMOST CERTAIN	3 HIGH	3 HIGH		4 4 JTE ACUTE	SCORE	ACTION	Elimination Remove the hazard.
LIKELY	2 MODERATE	3 HIGH	U U U U U U U U U U U U U U U U U U U	4 4 JTE ACUTE	4A ACUTE	DO NOT PROCEED	Substitution Replace the hazard. Isolation
POSSIBLE	1 LOW	2 MODERATE		4 JTE ACUTE	3H HIGH	Rev before work art	Isolate People from the hazard Engineering Isolate the
UNLIKELY	1 LOW	1 LOW		3 Z GH ACU E	MC RATE	Ensure control measures in place.	Activité istrativ e Chang
RARE	1 LOW	1 LOW		3 GH H. 1	1L LOW	Monitor and keep records.	PP
4A Stop work. The risk is intolerable, minate the hazar redesign the activity before proceeding. A Safe Work						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	
Consequence		injury/illness)	Project / Ass	Significant regula	pliance / Reputat		Always document why a lower-order control is accepted if
Catastrophic Major	Fatality or perma Serious injury/illr days)			wn prosecution	elin		elimination or substitution is not reasonably practicable. aligned with Safe Work Australia's Managing the risk of fatigue at
Moderate	Medical-treatmen	nt injury; lost-tim	e > 1 moderate dela	y Minor breach; ad	work (2023) and ISO 45001:2018 clauses 6–8. Minor breach; adverse client comment		
Minor	First-aid only, no	lost time	negligible dela	y Isolated non-con	formance		
		no schedule impact Deviation caught and corrected on site					



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. Site Assessment	Extreme heat, Cold surfaces	4A	 Conduct a preliminary assessment of the site and obvironment to identify temperature extremes. Use thermal cameras to detect areas of extreme temperatures. Schedule operations for cooler parts of the ay if possible Ensure workers are briefed on the upcoming upper and risks. Apply heat mats or insulation to cold surfaces to budge expense. Use weather forecasting tools to anticipate adversion of the statement. Implement stop of the process is to prove sudden weather changes. Ensure portable shelten are available upperats. Develop communication plan for emergency situations. 	2M
2. Personnel Training	Heat stress, Hypotherm	2	 Provid convertense straining on recognising symptoms of heat-related illnesses. Ingular update training materials to reflect latest best practices. Educe that for the importance of hydration and providing water stations. Inplement buddy systems to observe signs of heat stress. Conduct drills for emergency response related to temperature conditions. Provide training on the use and maintenance of personal protective equipment (PPE). Provide acclimatisation protocols for new workers. Engage an onsite medic for immediate intervention if needed. Ensure all personnel are aware of the location of first aid kits. Monitor worker feedback and adapt training accordingly. 	2M
3. Equipment Check	Equipment malfunction, Contact burns	ЗН	 Conduct regular maintenance checks to ensure all equipment is operating safely in temperature extremes. Insulate hot equipment to prevent contact burns. Provide training on the identification of faults due to temperature stresses. Ensure all tools and equipment are stored in a temperature-controlled environment when not in use. Use temperature-resistant materials for equipment where applicable. Implement a tagging system for faulty equipment. Equip overheating-prone machinery with automatic shutdown features. Include temperature condition checks in pre-start inspection routines. 	1L



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			- Rotate equipment use to minimise overheating.	
			- Provide PPE for handling equipment under extreme conditions.	
4. Hydration Management	Dehydration, Electrolyte imbalance	4A		1L
5. Clothing and PPE	Inadequate therm oprotection, Heat exhaustion due to RE	ЗН		2M
6. Break Scheduling	Heat exhaustion, Cold-related injuries	ЗH		2M

Version 2.5



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7. Medical Monitoring	Heat stroke, Frostbite	4A		2M
8. Site Layout Design	Radiant heat exposure, triot movement due to setups	ЗН		2М
9. Signage and Communication	Lack of awareness, Poor communication of risks	ЗН		1L

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10. Emergency Protocols	Delay in emergency response, Confusion during emergency situation	4A		2M
11. Weather Monitoring	Unforeseen weather changes, Storm activity	4A		2М



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12. Supervision and Reporting	Inadequate oversight, Delayed reporting of incidents	ЗН		1L
13. Workflow Adjustments	Inefficient workflot under the stress, Extended ex,	ЗН		2М
14. Personal Health Management	Inattention due to fatigue, Heat-induced irritability	ЗН		1L



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15. Inspections and Compliance	Non-compliance with regulations, Inadequate safety inspections	ЗН		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 RE	FERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISL	LATIVE REFERENCES ANY STATE AT ARE NOT APPLICABLE
Queensland & Australian Capital Territory Work Health and Safety Act 2011 Work Health and Safety Regulations 2011 Legislation QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</u> Legislation ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Occupational Health au Safety Actor 04 Occupational Health and onfety or gulations 2017 Legismon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-oulations</u> Unless on vactice VIC <u>autps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice</u>
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/legislatic Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislatic	Western Australia Work Health and Safety Act 2020 Work Health and Safety Regulations 2022 Legislation Western Australia: <u>https://www.commerce.wa.gov.au/worksafe/legislation</u> Codes of Practice WA: <u>https://www.commerce.wa.gov.au/worksafe/codes-practice</u>
Northern Territory Work Health and Safety (National Uniform Legislation) Act 2011 Work Health and Safety (National Uniform Legislation) Regulation 2011 Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/worplace-serve-laws Codes of Practice NT: https://worksafe.nt.gov.au/formers/legislations/legislat	Safe Work Australia Links Law and Regulation (All States): <u>https://www.safeworkaustralia.gov.au/law-and-regulation</u> Model Codes of Practice: <u>https://www.safeworkaustralia.gov.au/resources-publications/model- codes-of-practice</u>
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/word_aces/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	 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
Work Health and Safety (Transitional) Regulations 2012 Legislation for TAS: <u>https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations</u> Codes of Practice for TAS: <u>https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice</u> Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council	 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
- Authorisation to commence work - Any required documents.	- Construction work