

Breath	n-Holding Diving Risk Asse	ssment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PC	BU OF 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	re that a RISK ASSESSMENT
Full Name:			
Signature:		ritle:	Date:
CL		DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project Market			



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		
Assist Rating & Required Action: 4A Stop work. The risk is intolerable, cominate the hazard predesign the activity before proceeding. A Safe Work Method Statement (SWMS) or hit er-level authorisatic is required. 3H Review and approve additional corrols in prace and efficience. Proceed with caution; monitor conditions. 2M Ensure all nominated controls are in prace and efficience. Proceed with caution; monitor conditions. 1L Proceed, following standard operating procedurer Monitor and keep records. Consequence Scale:							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 ator intervention; c		Always document why a lower-order control is accepted if		
Catastrophic Major	Fatality or perma Serious injury/illr days)			wn prosecution	tice; major media		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	Minor breach; adverse client comment		work (2023) and ISO 45001:2018 clauses 6–8.		
Minor	First-aid only, no	lost time	negligible dela	y Isolated non-con	formance				
			no schedule		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. Preparation	Inadequate training, Lack of equipment check	ЗН	 Conduct thorough training sessions for all divers. Verify all divers have necessary certifications Ensure all equipment is checked by a quare d technicit Maintain up-to-date equipment maintenance ons Include emergency procedures in preparatory tabling. Ensure divers are familiar with the dive site. Conduct site-sponse insurges externt. Provide diversion surges externt. Ensure availantly of fina aid qualified and sonnel. Upd a supergenue contact lists regularly. 	2М
2. Equipment Setup	Equipment failure, Incention sembly	2	 Cross- neck mulpmendist before setup. Cross- neck mulpmendist before setup. Institutions with visual aids. Institutions buddy system for equipment checks. Conduct pre-use equipment inspections. Store equipment in designated areas to avoid damage. Regularly service and replace faulty equipment. Maintain a checklist for equipment assembly tasks. Provide training on correct handling and assembly. Log and report any equipment failures. Restrict access to non-trained personnel. 	2М
3. Site Inspection	Unfamiliar hazards, Poor visibility	ЗН	 Conduct a preliminary dive to assess site conditions. Add site-specific safety instructions based on inspection. Ensure clear communication between the surface and divers. Use underwater lights for visibility enhancement. Prohibit dives in hazardous conditions. Install markers for known hazards. Use buddy system to increase awareness and safety. Provide site maps with hazard locations marked. 	2М



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			- Equip divers with emergency communication tools.	
			- Regularly update site assessments.	
4. Pre-dive Briefing	Miscommunication, False sense of safety	2M		1L
5. Entry into Water	Slips and falls, Wrung entry technique	ЗН		2M
6. Initial Descent	Equalisation issues, Buddy separation	ЗН		2M



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7. Underwater Navigation	Disorientation, Marine life encounters	ЗН		2M
8. Ascent	Barotrauma, Failuur to decrement	зн		2M
9. Exit	Slips on wet surfaces, Fatigue	ЗН		2M



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10. Post-Dive Debriefing	Overlooking issues, Knowledge gaps	2М		1L
11. Equipment Maintenance	Wear and tear, Improper storage	ЗН		2M
12. Emergency Preparedness	Inadequate emergency response, Unavailability of emergency equipment	4A		2M



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13. Environmental Considerations	Pollution, Disturbance to marine life	ЗН		1L
14. Health Monitoring	Dehydration, DCS (Decompression Sickness)	ЗН		2М
15. Documentation and Record Keeping	Inaccurate data, Lost records	ЗН		1L



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16. Staff and Diver Competency	Inadequate skill level, Inexperience	4A		2M
17. Communication	Signal interference, Coordination failure	ЗН		2M
18. Personal Protective Equipment (PPE)	Inadequate PPE, Improper use	ЗН		2M



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19. Surface Interval Management	Risk of DCS, Fatigue	ЗН		2M
20. Dive Planning	Poor dive planning, Failure to account for weather	4A		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 LEGISL	ATIVE 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: 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/codes-of-practice Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice	Victoria On opational Health as Safety Act and Occupational Health and onfety or gulations 2017 Legis non VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- rulat</u> of the solution of the state of the							
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 2015 Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/wd_place-servelaws Codes of Practice NT: https://worksafe.nt.gov.au/formed_resourcestice_servelaws	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: <u>https://www.safework.sa.gov.au/resources/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_aces/codes-of-practice#COPs</u>	 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 							
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/acts-and-regulations Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations	 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 							
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.	 Managing the work environment and facilities How to manage work health and safety risks Managing risks of plant in the workplace Construction work 							