

Oil A	nd Gas Drilling Risk Asses	sment	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Eme	
THIS RISK ASSESSI	MENT IS APPROVED BY THE PC	BU ON W PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a is prepared before the proposed work starts.	person conducting a busine or un	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 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
Risk 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 higher-level authorisation is required. 3H Review and approve additional controls for exact task parts. Senior supervisor sign-off needed. 2M Ensure all nominated controls are imprace and efficience. Proceed with caution; monitor conditions. 1L Proceed, following standard operating procedures 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	lverse client comn	nent	work (2023) and ISO 45001:2018 clauses 6–8.
Minor	First-aid only, no	lost time	negligible dela	y Isolated non-con	formance		
	ant No injury 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. Preparation	equipment failure, chemical exposure	ЗН	 Conduct a thorough equipment inspection prior to contrations Ensure all workers are trained in chemical heroung procedures Develop emergency response plans for excoment failure Use protective gear when handling chemical Verify that all safety data shorts are accessible Implement regular maintenance schedules for equipment Keep an up-to-demographil inspections and maintenance Ensure version on system are operational out efficient Postenzard stats in access with chemic exposure Provide engoing enging and refreshers on handling procedures 	2M
2. Rig Mobilisation	transport incidents, right and the	23	 Utilise IPS tocking wall transport vehicles Inducta pre-jurney safety check Ensurcerrigging equipment meets safety standards Imit speed during transportation of heavy machinery Secure loads properly to avoid shifting Conduct driver training and competency checks Use licensed and experienced riggers Implement regular rigging equipment inspections Communicate during transport using radio or other means Establish clear transport routes and schedules 	2M
3. Site Setup	slips and trips, uncontrolled movement of equipment	ЗН	 Ensure ground conditions are stable and free of obstructions Implement a site induction program highlighting hazards Erect barriers and signage around high-risk areas Organise tools and equipment to prevent tripping Conduct toolbox talks to address specific site hazards Use spotters to guide equipment movement Ensure good housekeeping practices are followed Mark pedestrian and equipment routes clearly 	2M



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			- Regularly inspect walkways for slip hazards	
			- Use anti-slip materials where necessary	
4. Drilling Operations	blowout, noise exposure	4A		ЗН
5. Logging And Testing	falls from height, ecosure to hazardous substances	ЗН		2M
6. Cementing	chemical spills, equipment malfunction	ЗН		2M

Version 2.5



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7. Completion	well integrity failure, exposure to high temperatures	4A		ЗН
8. Well Testing	pressure surge, church suppours	IΑ		ЗН
9. Well Servicing	hydraulic failure, unsecured loads	зн		2М

Version 2.5

Review #



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10. Decommissioning	structural collapse, toxic gas release	ЗН		2М
11. Waste Management	biohazard exposure, improper waste disposal	ЗН		2М
12. Equipment Dismantling	electric shock, falling objects	ЗН		2M

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13. Site Restoration	environmental contamination, injury from debris	ЗН		1L
14. Security	unauthorised access, value light	ЗН		2М
15. Emergency Response	inadequate emergency procedures, delayed medical assistance	4A		зн

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	C			



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 F	REFERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEG	GISLATIVE 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.gld.gov.au/laws-and-compliance/codes-of-practice</u> Legislation ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Octopational Health and Safety Action 04 Octopational Health and Safety Action 04 Octopational Health and Safety Supervised Safety Software Sof
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/legislative Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislative	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: <u>https://worksafe.nt.gov.au/laws-and-compliance/worplace-serve-laws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/f</u>	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/legulation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_saces/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/codes-of-practice Codes of Practice for TAS:	 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
Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence 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

- Any required documents.