

Hydraulic Hose Assembly   SAFE WORK METHOD STATEMENT (SWMS)									
TASK	OR ACTIVITY: Hydraulic Hose As	sembly							
Business Name: [Company Name]		ABN: [ABN]	SWMS#						
Business Address: [Company Address]									
Contact Person:	Phone: [Phone]	E gil:							
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PL OF THE PROJECT							
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.	cting a business or undertaking (N BU) is	required to ture at a safe work method s	statement (SWMS) is prepared before						
Full Name:									
Signature:		Title:	Date:						
Details of the person(s) responsible for ensuring implementation, monitoring	compliance of the SWMS well as review	vs and modifications of the SWMS.							
Full Name:		Title:	Phone:						
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS. ST HAVE THE FOLLOWING COMMUNICATED	N. 1E AND DATED SIGNATURE OF A COMMUNICATED TO IN THE DEVELO	LL RELEVANT PERSONNEL WHO HAVE B OPMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND						
Safety meetings or toolbox talks will be sched ed in accordance with egislative requirements to first identify any site hazards, condition of unical those hazards and then to further take steps to either chare or control eacy hazard.	NAME	SIGNATURE	DATE						
If an incident or a near miss occurs, all work must structurately. Depending on the severity of the incident, a meeting will be called with all workers to amend the SWMS if required. The meeting may also be an educational opportunity.									
Any changes made to the SWMS after an incident or a near miss must be approved by the Person Conducting Business or Undertaking and communicated to all relevant personnel.									
The SWMS must be kept and be available for inspection at least until the work is completed. Where a SWMS is revised, all versions should be kept. If a notifiable incident occurs in relation to which the SWMS relates, then the SWMS must be kept for at least two years from the occurrence of the notifiable incident.									



	CLIENT OR PRINCIPAL CONTRACTOR DETAILS											
Client:					SCOPE OF WORKS							
Project Name:					Provide a detailed description of the specific work being carried out (otherwis							
Project Address:				ŀ	known as cope of works).							
Project Manager	:											
Contact Phone:												
Project Manager	Signature:											
Date SWMS sup	plied to Project Manag	er:										
		ANY HIG	H-RISK CON TUCT		ARRIED OUT							
involves a risk of	a person falling more than	2 meters.		is carried out on of	near pressurised gas main	s or piping.						
is carried out on	a telecommunication tower			☐ is carried out on or near chemical, fuel or refrigerant lines.								
involves demoliti	on of an element of a struct	ure that is load-be		☐ is carried out on or near energised electrical installations or services.								
involves demoliti	on of an element related to	the physical integrit of a st	ir e,	is carried out in an area that may have a contaminated or flammable atmosphere.								
involves, or is like	ely to involve, disturbing a	estos.		involves tilt-up or precast concrete.								
involves structura	al alteration or repair that re	mporan upp to	prevent collapse.	is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor.								
☐ is carried out in c	or near a confined space.			is carried out in an area of a workplace where there is any movement of powered mobile plant.								
☐ is carried out in/r	near a shaft or trench deepe	er than 1.5m or tunnel involv	ving use of explosives.	is carried out in areas with artificial extremes of temperature.								
☐ is carried out in c	or near water or other liquid	that involves a risk of drown	ning.	involves diving wo	rk.							
		ANY	HIGH-RISK MACHINE	RY OR EQUIPMENT	NEARBY							
Forklift	Crane/s	☐ Hoist/s	Excavator	Backhoe/Loader	Boom Lift	EWP	Genie Lift					
Trencher	Drilling Rig	Trucks		Bobcat	E Flammable Gas	Fuel	Dozer					
High Voltage	Mulcher	Tilt-up Panels	Roller	Scissor Lift	Tractor	Other -						







JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR	RESPONSIBLE PERSON
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK	NAME OF PERSON
1. Preparation	Incorrect equipment, Poor workspace layout	2М	<ul> <li>Ensure proper assessment and selection of the required equipment for hydraulic hose assembly to prevent use of incorrect or faulty an ipment.</li> <li>Conduct regular inspections and maintenance unall equipment, tools, and machinery used in the hydraulic hose assessive process to avoid malfunctions or accidents.</li> <li>Provide training to workers on correct proced, used setting up and operating equipment, as well as safely handling materials using the assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively process.</li> <li>Designate a designated work ace for hydraulic hose assessively that is free from clutter, obstructions consistent acazards, allowing a anototh workflow and movement through at the work are set of the assessively and the work are set of the assessively response equipment, and within the workspace that designates separate areas for each plass of assessively, ensuring proper organisation and efficient process flow.</li> <li>Clearly tabe all storal areas, tools, equipment, and materials to avoid confusion and mist kes a mandling items during the assembly process.</li> <li>Bestaura e a clean and tidy work environment by promoting regular housekeeping practice on the as promptly cleaning spills and disposing of waste materials.</li> <li>Instablish clear communication channels through various means, like signs, labels, and verbal communication among team members to ensure everyone is aware of th</li></ul>	1L	
2. Hose selection	Mismatched hose/fittings, Incorrect pressure rating	ЗН	<ul> <li>Proper training and certification: Ensure that all technicians involved in hose assembly are properly trained and certified in identifying the correct hoses and fittings, as well as understanding pressure ratings and compatibility.</li> <li>Manufacturer's guidelines: Always follow the manufacturer's guidelines when selecting hoses and fittings. Consult reference materials, product catalogs, and technical guides provided by the manufacturers to ensure correct selection.</li> <li>Regular inspections: Conduct periodic inspections of hoses and fittings to monitor their condition and replace any damaged or mismatched components immediately.</li> <li>Documenting specifications: Record detailed hose and fitting specifications for each assembly, including pressure ratings, dimensions, and compatibilities. This documentation will help track appropriate equipment usage and prevent accidental mismatches.</li> </ul>	1L	



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			- Visual checks: Before assembling hoses, visually inspect them for any signs of damage, wear, or incorrect sizing. Similarly, inspect fittings for any deformities or inconsistencies in threading.		
			- Use of gauges: Employ the use of gauges to the usure hose dimensions and verify pressure rating compatibility, ensuring that the vertice the requirements for the assembly.		
			- Labeling system: Implement a clear labeling structor hoses with different fittings and pressure ratings to avoid confusion and miscles during an embly.		
			- Standard operating procedure (SOPs): Establish operating procedures for hose selection and properly sks. Display these sets prominently in work areas and provide raff with regular raining updates.		
			- Communication and team ork: End tage wen communication among team members about ose self-non process and challenges, promoting shared know a and tage ork environment.		
			- Correct is a lusage ultilise proper tools designed specifically for hydraulic hose asseming, such as chapters, cutters, and insertion devices, to mitigate risks associated with misman and hoses, fittings, and incorrect pressure ratings.		
	1		- We can propriate personal protective equipment (PPE) - Such as safety gloves, oggles, collong-sleeved shirts to protect against abrasions and eye injuries used by flying particles during hose cutting.		
			- Use the correct tools and equipment specifically designed for hydraulic hose cutting, such as a hose cutting machine or shears, to ensure a clean and safe cut.		
			- Regularly inspect and maintain cutting tools - Ensuring all cutting tools are sharp and in good working condition to minimise the risk of accidents and facilitate smooth cutting operations.		
3. Cutting the hose	Abrasion injuries, Eye inju-	ЗH	<ul> <li>Follow proper hose cutting techniques - Training workers on safe methods for measuring and marking hoses before cutting, ensuring accuracy and minimising waste.</li> </ul>	2M	
	panicies		<ul> <li>Keep work area clean and organised - Regularly remove cutting debris from the workstation to reduce the risk of slips, trips, and falls, as well as prevent accumulation of particles that could cause injury.</li> </ul>		
			- Implement isolation devices - Using shields or barriers around hose cutting areas to contain flying particles and reduce the risk of bystanders getting injured.		
			- Safety training for all employees - Conducting regular workplace health and safety training sessions to ensure all employees are familiar with potential hazards and appropriate risk mitigation strategies for hydraulic hose assembly tasks.		
			- Unplug or lockout equipment when not in use - Power down cutting machinery and secure it with lockout/tagout procedures when not actively in use to prevent accidental start-ups and minimise risk.		



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			- Have a first aid kit readily available - Ensuring there is an easily accessible and fully stocked first aid kit nearby in case of emergencies, including items specifically tailored to address potential abrasion and eye injurio		
			- Report incidents promptly and accurately - Enclarage workers to report any safety concerns or incidents immediately to their enclaves to establish any necessary corrective actions and continually improve to safety crosses.		
4. Deburring	Hand/finger injurienentrapment	ZM		1L	



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5. Assembling fittings	Incompatible fitting Insufficientightening	214		1L	



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6. Crimping	Misalignment, Pinch injuries	ЗН		1L	

#### Version 2.5

Date of Issue:



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7. Testing	Uncontainable leak unit exceed built pressure	зH		2М	





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8. Inspection	Undetected cracks unaddressed defects	2M		1L	



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9. Cleaning	Slips, trips, and falls, exemical exporte	2M		1L	

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SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK	NAME OF PERSON
10. Packaging	Back injuries, Entrapment	2M		1L	

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Authorised by

Date of Issue:



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11. Dispatch	Loading errors, Vehicle accidents	2М		1L	



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12. Disposal	Environmental constructions, incorrect disposal methods	ιL		1L	



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#### **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	SISLATIVE 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>	Victoria Octopational Health and Safety Action 04 Octopational Health and Infetty regulations 2017 Legismon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- rulations</u> Codes on mactice VIC <u>artips://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: <a href="https://www.safework.nsw.gov.au/legal-obligations/legislatic">https://www.safework.nsw.gov.au/legal-obligations/legislatic</a> Codes of Practice NSW: <a href="https://www.safework.nsw.gov.au/resource-library/lis">https://www.safework.nsw.gov.au/legal-obligations/legislatic</a>	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, 201, 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/fecture-serve-laws</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/legislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/work_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: <a href="https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice">https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice</a> Codes of Practice for TAS:	<ul> <li>First aid in the workplace</li> <li>Managing the risk of falls at workplaces</li> <li>Hazardous manual tasks</li> <li>Managing the risk of falls in housing construction</li> <li>Managing electrical risks in the workplace</li> <li>Demolition work</li> <li>Excavation work</li> </ul>
Details of permits, licenses or access required by regulatory bodies (add or delete as required): • Permits from local council • Authorisation to commence work	<ul> <li>Work health and safety consultation, cooperation and coordination</li> <li>Managing the work environment and facilities</li> <li>How to manage work health and safety risks</li> <li>Managing risks of plant in the workplace</li> <li>Construction work</li> </ul>

- Any required documents.



#### SIGNATORIES OF THE SAFE WORK METHOD STATEMENT

The signed and dated personnel listed below have cooperated in the consultation and development of this Safe Work Method Statement which has been approved by the Person/s Conducting a Business or Undertaking (PCBU). In signing this Safe Work Method Statement each individual acknowledges and confirms that they have read this SWMS in full, having raised any questions for items on this Safe Work Method Statement that require clarification, and confirms that they are competent, skilled and knowledgeable for the task assigned to them. Every person acknowledges that they have received the relevant training and qualifications where required, before carrying out any work contained in this Safe Work Method Statement. By signing this Safe Work Method Statement each individual agrees to work safely, to follow any safe work instructions which are provided, and agrees to use all Personal Protective Equipment where appropriate.

Worker Name	Position	Signature	Date	Time	Supervisor
			Date:		
			Dat		
			t te:		
			Date:		

#### SAL WO A STHUD STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to review the sure it remains revised if necessary) if relevant control measure are a conconsultation with workers (including contractors are subcontract of the SWMS and their health and safety representatives who re workplace.

ke sure it remains effective and must be reviewed (and area of the process should be carried out in s and subcontract s) who may be affected by the operation esentatives who received that work group at the

When the SWMS has been revised the PCBU must ensure that all persons involved with the work are advised that a revision has been made and how they can access the revised SWMS, including all persons who will need to change a work procedure or system as a result of the review are advised of the changes in a way that will enable them to implement their duties consistently with the revised SWMS. All workers that will be involved in the work must be provided with the relevant information and instruction that will assist them to understand and implement the revised SWMS.

The SWMS must be monitored regularly for the effectiveness of ensuring hazard controls are effective in reducing the risk of incidents, keeping the workplace safe for all personnel. The person responsible for monitoring the effectiveness of the Safe Work Method Statement should employ a multi-faceted approach which includes but is not limited to:

- 1. Spot Checks.
- Consultation with workers, contractors and sub-contractors.
- 3. Internal audits on a continual basis.

An approach of continuous improvement, promptly recording inconsistencies or deficiencies, followed up by immediate corrective action and consultation with all relevant personnel ensures that the PCBU is consistently developing ever-improving systems of safe work principles.

REVIEW NUMBER	1	2	3	4	5	6	7
NAME							
INITIALS							
DATE							



### SAFE WORK METHOD STATEMENT REVIEW CHECKLIST

This Safe Work Method Statement Review Checklist is to be followed and used upon initial development of the SWMS to help ensure that all steps have been adequately taken before work commences. Think of this document as an internal audit review checklist before commencing work, and may form part of a Toolbox Talk (safety meeting) and may be used as an opportunity for education and training.

ITEMS WHICH MUST BE INCLUDED IN THE SWMS	COMPLETED	TO BE DONE	COMMENTS
The company details have been entered, including the project name and address.			
Names and signatures of all relevant personnel consulted during the development of the SWMS.		P	
Name, signature, position and date signed of the person approving the SWMS.			
Specific personnel and qualifications, experience is noted in the SWMS.			
Provides a step-by-step process of tasks required to carry out the activity or task.			
Adequate risk assessment of any identified hazards has been completed.			
Foreseeable hazards are identified and documented for each step.			
Any hazards listed in any site risk assessments have been added to the SWN			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting sections.			
Responsible person is assigned and listed on the SWMS for the imement of cont, measures.			
Permit requirements specified, such as Hot Wey, Electrical Work, Verat Heights etc.			
SWMS identifies plant and equipment to be up t.			
Details of inspection checks required for any equipment listed approved on the SWMS.			
Describes any mandatory qualifications, experience raining skills required to perform the work.			
Applicable personal protective equipment is selected on the SWMS.			
Lists any required permits or licenses.			
Reflects and documents any legislative references and/or Australian Standards.			
Identifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE RI	EVIEWED	
SIGNATURE	DATE COMPLETED		