



Hydraulic Hose Crimp	oer   SAFE WORK METHOD	STATEMENT (SWMS)	
TASK	OR ACTIVITY: Hydraulic Hose C	rimper	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E 111:	
THIS SAFE WORK METHOD	STATEMENT IS APPROTO BY	THE PCL OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	eting a business or under o (PC 1) is	required to en that a safe work method s	statement (SWMS) is prepared before
Full Name:			
Signature:	NY	Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitoring	opliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS MIS MIS MIS MIS MIS MIS MIS MIS MIS M	NA, ¿ OF ALL RELEVANT PERSONNI EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND CO	OMMUNICATED TO IN THE
Safety meetings or toolbox talks will be sched ed in accomply with gislative requirements to first identify any site hazards, hazards and then to further take steps to either eliminate or continuate hazard.			
If an incident or a near miss occurs, all work must sto, an alately. 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.			

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CLIENT OR PRINCIPAL	CONTRACTOR DETAILS
Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date SWMS supplied to Project Manager:	
ANY HIGH BIOK CONSTRUCTOR	NAME OF THE POLIT
ANY HIGH-RISK CONSTRUCTOR	N WC & BEIN C ARIED OUT
☐ involves a risk of a person falling more than 2 meters	is carried out on or near pressurised gas mains or piping
☐ is carried out on a telecommunication tower	carried out on or near chemical, fuel or refrigerant lines
☐ involves demolition of an element of a structure that is load-bearing	$\square$ is carried out on or near energised electrical installations or services
☐ involves demolition of an element related to the physical integral of a functure	☐ is carried out in an area that may have a contaminated or flammable atmosphere
☐ involves, or is likely to involve, disturbing asb	☐ involves tilt-up or precast concrete
☐ involves structural alteration or repair that —quires term — v sup —rt to prevent collapse	☐ is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor
☐ is carried out in 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/near a shaft or trench deeper that. tunnel involving use of explosives	☐ is carried out in areas with artificial extremes of temperature.
$\square$ is carried out in or near water or other liquid that involves a risk of drowning.	☐ involves diving work.
ANY HIGH-RISK MACHINER	Y OR EQUIPMENT NEARBY

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RISK MATRIX										
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HEI	RARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE	SCORE	ACTION		Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCE		Substitution	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.		Replace the hazard.	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Isolate	e People from the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and		Engineering Isolate the hazard.	
is the second m	rchy of Controls: ost effective metho nging the work is th	d of controlling a	hazard. Enginee	ering by isolati	on is the in ost e	en 'ive, while	rd. Substitution Administrative effective		Administrative Change the work.  PPE	

				PERS		TIVE EQUIPM					
		Select the app	ropriate PPŁ	abo v uitab	cor the equi	pment used or	the job task	being perforr	ned (if applica	ıble).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING ETION	P ECTION	PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE R	equired:										
	Pe	ermit or Licen	ses Requirem	ents		Mandatory Qualifications and Training					



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	Incorrect equipment selection, Inadequate workspace	2M	- Proper Selection of Equipment: Ensure thouse hydraulic hose crimper being used is appropriate for the task at hand and meets industry standards; insulit the sunfacturer's specifications and guidelines to confirm compatibility with the hoses being crimed.  - Tool Inspection: Before starting work, thorough on spect the endipment for any signs of damage, wear or malfunction. This includes to ecking the dies, he as, and of unectors. If any discrepancies are identified, immediately address, the meeting of the dies, he as, and of unectors. If any discrepancies are identified, immediately address, the meeting of the dies.  - Workspace Associated in season as a read where the hydraulic hose crimper will be operated to ensure there is adear aspace for oper of movers of and storage. The workspace should be well lit, free from tripping varies, and usily accombine case of an emergency.  - Cleid took Storage of unitarial aclean, autter-free work surface to make it easy to access necessary tools to squipme or his helps prevent slips, trips, and falls that may occur as a result of a messy works, co.  - Works Train or All tookers who will be operating the hydraulic hose crimper should be trained and ampets. In its toper use. This training should encompass equipment specifications, potential hazards, as a safe beratic procedures.  - Persocon trotective Equipment (PPE): Ensure all operators wear appropriate PPE, including safety tasses, goves, and suitable footwear, to minimise the risk of injury while working with the hydraulic hose coner.  - Emergency Procedures: Review and communicate workplace emergency procedures to all workers involved in the task. Make sure everyone understands how to respond to incidents, such as hydraulic line ruptures or equipment malfunctions.  - Proper Storage: When the hydraulic hose crimper is not in use, store it securely to protect it from damage and unauthorised use. Ensure that it is placed in a designated storage area, away from what was and other high-traffic areas.  - Restricted Access: Li	1L
2. Inspect Equipment	Electrical hazards, Faulty equipment	3H	<ul> <li>Regular inspection and maintenance: Schedule periodic inspections and routine maintenance of the hydraulic hose crimper by a qualified technician to ensure it remains in optimal working condition.</li> <li>Pre-use inspection: Prior to each use, inspect the equipment for visible signs of damage, wear or malfunction such as frayed electrical cables, loose connections, or damaged crimping dies.</li> </ul>	1L



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
			- Electrical safety checks: Test residual current devices (RCDs) and verify proper grounding of electrical equipment as part of regular inspection procedures.	
			- Isolation of power source: Ensure the hydraulic beautiful crimper is isolated from the power source when not in use or during maintenance activities by discretecting the plug or utilising lockout/tagout procedures.	
			- Proper handling and storage: Store the hyperulic hose comper in a designated area, away from moisture and extreme temperature fluctuations to avoid otention amage.	
			- Training and competence: Ensure all workers of the hydrautic hose crimper are trained in its correct operation, handling, and base coubleshooting to iques to commisse risks associated with incorrect usage.	
			- Ergonomic works a to read the risk of injury while using the crimper, provide an ergonomic workstation with adequate unting, ustable working heights, and well-organised tools.	
			- Personal Practive Equiverent (PPL Frame workers wear appropriate PPE such as safety footwear, glove and eye office to prevent in, wes during equipment operation and maintenance.	
			- Eme expression e plan: Develop a site-specific emergency response plan that covers actions to be taken a care of electrical hazards or equipment failure.	
			- Clear common cation and signage: Display clear warning signs near the hydraulic hose crimper outlining tential azard and instructing personnel on the required control measures.	
			<ul> <li>Inc. at porting system: Encourage workers to report any incidents, near misses, or observations elated to draulic hose crimper usage to promote continuous improvement in workplace health and ety practices.</li> <li>Continuous assessment and improvement: Regularly review and update the Safe Work Method Statement (SWMS) to ensure that hazards are identified, assessed, and controlled effectively using the most appropriate measures.</li> </ul>	
			- Ensure employees receive proper training in the operation of the hydraulic hose crimper, with a focus on safety and best practices.	
			- Install non-slip floor mats around the work area to reduce the risk of slipping.	
			- Maintain good housekeeping practices by regularly cleaning the workspace to prevent potential trips and falls due to clutter or spills.	
2. 0	Olive trine and falls Direct resistations	014	- Clearly mark any potential tripping hazards or obstacles in the work area with bright, visible colors or signs.	41
3. Secure Hose	Slips, trips and falls, Pinch points injuries	2M	- Wear appropriate personal protective equipment (PPE), such as gloves and safety shoes, when handling hoses and operating the crimper.	1L
			- Inspect the hydraulic hose crimper before use for any damage, wear or malfunction that may pose a hazard.	
			- Verify that hose fittings are compatible and suitable for the specific application to prevent accidental disconnection, which may lead to injury.	
			- Use an appropriate workbench or clamping device to secure the hose during the crimping process, reducing the need for manual support that could lead to pinch points.	



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
			- Utilise proper lifting techniques when handling heavy or awkward hose assemblies to avoid overexertion injuries.	
			- Adhere to all manufacturer guidelines and recommendations for the specific crimper model being used, including load limits and maintenance requirer as.	
			- Monitor the workspace for anyone not differ the crimping process and ensure they maintain a safe distance from the work area.	
			- Encourage open communication among team and mbers to discuss potential hazards and ways to address them in real time.	
			- Schedule regular breaks for on ators of the hydran asse crimper to prevent fatigue, which can lead to errors and accide	
			- Review and adate stand of work conduction and safety guidelines on a regular basis to ensure all employees all vell-inform about purely about purely safety guidelines on a regular basis to ensure all employees all vell-inform about purely safety guidelines on a regular basis to ensure all employees all vell-inform about purely safety guidelines on a regular basis to ensure all	
4. Measure Hose	Measurement errors, Cut hazard	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
5. Cutting the Hose	Hand-tool injury, Envinjury from flying debris	ЗН		2M



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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
6. Hose End Preparation	Crushing and pinching injuries, Hand-tool injury	2M		1L
7. Crimp Selection	Incorrect crimp selection, Improper installation	2M		1L



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
8. Crimping Process	Pinch points, Inaccuracy in measurements	3H		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
9. Test Assembly	High-pressure hazards, Hose abrasion	ЗН		1L



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
10. Disassembly	Mishandling of exposed threads, Debris generation	2M		1L



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
11. Clean Up	Chemical exposure, Slip and trip hazards	2M		1L



CONTROL MEASURES	IR	POTENTIAL HAZARDS	JOB STEP
SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONT	INITIAL RISK	HAZARDS THAT MAY ARISE	SPECIFIC WORK STEPS
	2M	Improper tool storage, Over-tightenic crimp connections	12. Maintenance
	2M	Improper tool storage, Over-tightenic crimp connections	12. Maintenance



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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 REFERENCES

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES. ANY STATE OF 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: <a href="https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations">https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations</a>
Codes of Practice ACT: <a href="https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice-act.gov.au/laws-and-compliance/codes-of-practice-act.gov.au/laws-and-compliance/codes-of-practice-act.gov.au/laws-and-compliance/acts-and-regulations</a>

#### **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/legislatide

Codes of Practice NSW: https://www.safework.nsw.gov.au/resource-library/lis

#### **Northern Territory**

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulation 201

Legislation NT: https://worksafe.nt.gov.au/laws-and-compliance/wo\_place-

Codes of Practice NT: https://worksafe.nt.gov.au/f

#### 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/work\_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

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.

#### Victoria

Occupational Health al. Safety Act

Occupational Health and Infety gulations 2017

Legis on VIC: https://www.cksafe.vic.gov.au/occupational-health-and-safety-act-and-

gulat

des on actice VI autros://www.worksafe.vic.gov.au/compliance-codes-and-codes-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

#### 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





#### 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	Signature	Date

#### SAFE WORK IN THE STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remains a fective of must be reviewed (and revised if necessary) if relevant control measures are revised. The view process should be carried out in consultation with workers (including contractors of the SWMS and their health and safety representatives who represented that work group at the workplace.

When the SWMS has been revised the PCBU mast ensure that 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 rest of the review are advised of the changes in a way that will enable them to implement their duties and the 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:

- Spot Checks.
- 2. 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							

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### 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	COMMENTS
The company details have been entered, including the project name and address.		
All relevant personnel consulted during the development of the SWMS.		
Name, signature, position and date signed of the person approving the SWMS.		
Specific personnel and qualifications, experience is noted in the SWMS.	7	
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 SWMS		
SWMS initial risk (IR) column as well as residual risk (RR) column ppleted.		
Check control measures added to the SWMS are the most effective selectives		
Responsible person is assigned and listed on the property the improvement of measures.		
Permit or licenses requirements specified, sur as Hot Work, Electric Work, Work at Heights etc.		
SWMS identifies plant and equipment to be us		
Details of inspection checks required for any equipment listed noted on the SWMS.		
Describes any mandatory qualifications, experience, and g or skills required to perform the work.		
Applicable personal protective equipment is selected on the SWMS.		
Reflects and documents any legislative references and/or Australian Standards.		
dentifies any hazardous substances used with specific control measures in line with any SDS.		
REVIEWED BY	DATE REVIEWED	
SIGNATURE	DATE COMPLETE	D