

Power Flange Machin	ne   SAFE WORK METHOD	STATEMENT (SWMS)	
TASH	OR ACTIVITY: Power Flange Ma	achine	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E fil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE POST THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	cting a business or undertaking (I 3U) is	required to ture at a safe work method s	tatement (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	s 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 CO. MUNICATED TO IN THE DEVELO	LL RELEVANT PERSONNEL WHO HAVE B PMENT AND APPROVAL OF THIS SWMS	EEN CONSULTED AND
Safety meetings or toolbox talks will be sched ed in accordance with agislative requirements to first identify any site hazards, conditions unical those hazards and then to further take steps to either the conditions of the cond	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must structured. 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 (otherwise known as cope of works).							
Project Address:												
Project Manager:												
Contact Phone:												
Project Manager Sig	nature:											
Date SWMS supplie	d to Project Manager:											
		ANY HIGH-	RISK CON PUCT	N' JRK BEING	CARRIED OUT							
☐ involves a risk of a pe	erson falling more than 2 m	neters.		is carried out on or near pressurised gas mains or piping.								
is carried out on a tel	ecommunication tower.	`	M + M	is carried out on	or near chemical, fuel or refrig	erant lines.						
☐ involves demolition o	f an element of a structure	that is load-be n.		is carried out on or near energised electrical installations or services.								
☐ involves demolition o	f an element related to the	physical integrit of a str	3.	is carried out in an area that may have a contaminated or flammable atmosphere.								
☐ involves, or is likely to	o involve, disturbing a	tos.		involves tilt-up or precast concrete.								
involves structural alt	eration or repair that re	upp to p	prevent collapse.	is carried out on, in or adjacent to a road, railway, shipping lane or other traffic corridor.								
is carried out in or ne	ar 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 th	nan 1.5m or tunnel involvin	g use of explosives.	is carried out in a	areas with artificial extremes of	temperature.						
is carried out in or ne	ar water or other liquid tha	t involves a risk of drowning	ng.	☐ involves diving w	vork.							
		ANY HI	IGH-RISK MACHINER	RY OR EQUIPMEN	IT NEARBY							
Forklift	☐ Crane/s	☐ Hoist/s	☐ Excavator	☐ Backhoe/Loader	☐ Boom Lift	☐ EWP	☐ Genie Lift					
☐ Trencher	☐ Drilling Rig	☐ Trucks	Formwork	☐ Bobcat	☐ Flammable Gas	☐ Fuel	☐ Dozer					
☐ High Voltage	☐ Mulcher	☐ Tilt-up Panels	Roller	☐ Scissor Lift	☐ Tractor	Other -						





### PERL NAL TECTIVE EQUIPMENT (PPE)

FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING PPOTECTION	PROTE	SPIRATORY P STECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
			A								

Select me appropriate PPE above suitable for the equipment used or the job task being performed (if applicable).

**Note:** A SWMS must be reviewed regularly to make sure it remains effective. A SWMS must be reviewed (and revised if necessary) if relevant control measures are revised. The review process should be carried out in consultation with workers (including contractors and subcontractors) who may be affected by the operation of the SWMS and their health and safety representatives who represented that work group at the workplace.

When a SWMS has been revised, the person conducting a business or undertaking must ensure all:

- 1. persons involved in the work are advised that a revision has been made and how they can access the revised SWMS;
- 2. 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: and.
- 3. workers that will be involved in the work are provided with the relevant information and instruction that will assist them to understand and implement the revised SWMS.



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	Inadequate lighting, Incorrect PPE	2M	<ul> <li>Proper lighting: Ensure that adequate lighting is provided in the work area, including temporary lighting if necessary, to allow for clear visibility of all work tasks and potential hazards.</li> <li>Inspection of lighting: Regularly inspect at a maintain all lighting systems to ensure they are functioning correctly and providing officient illocation.</li> <li>PPE training: Provide training to all workers of the appropriate selection, use, storage, and maintenance of required PPE for the specific tast.</li> <li>Correct PPE usage: Enforce of mandatory use of correct PPE, including safety glasses, protective of the swert engre machine.</li> <li>Signage and abeling: Disclay visible lignated alabels around the work area, reminding wones to were one correct to and informing them of potential hazards.</li> <li>PPE to actions and duct regular inspections of all PPE, ensuring they are in good working conditions and replacing any damaged or worm equipment as necessary.</li> <li>House beport Main in a clean and organised work environment, reducing trip hazards and one rissues that could arise due to inadequate lighting.</li> <li>In that collow, alks: Conduct briefings prior to work commencement to remind worker of uit potential hazards, required PPE, and safe work practices specific to a task awand.</li> <li>Leargency response planning: Develop and implement an emergency response plan outlining the steps to follow in case of an incident involving inadequate lighting or incorrect PPE use.</li> <li>PPE availability: Ensure an adequate supply of appropriate PPE is readily available to all workers performing tasks involving the power flange machine.</li> <li>Supervisor monitoring: Assign a supervisor to closely monitor the work area, ensuring that all workers are utilising proper PPE and following safe work procedures.</li> <li>Incident reporting and investigation: Establish a system for workers to report any safety concerns related to lighting or PPE use. Investigate reported incidents thoroughly and implement corr</li></ul>	1L	
2. Set Up Machine	Mechanical hazards, Electrocution	3Н	- Ensure that only trained and authorised personnel are allowed to operate the power flange machine, thus minimising the risk of mechanical hazards due to inexperienced handling.  - Perform regular maintenance checks on the power flange machine, including inspections for wear and tear, ensuring all bolts and connections are tightened securely, and conducting electrical tests to identify any potential faults or defects.	2M	



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			<ul> <li>Implement a lockout/tagout procedure for the power flange machine, ensuring it is powered off and disconnected from the main power supply when not in use or during maintenance activities, preventing accidental starture is electrocution.</li> <li>Familiarise workers with emergency stop properties and clearly mark the location of emergency stop buttons or switches.</li> <li>Provide workers with appropriate personal, a tective quipment (PPE), such as safety glasses, gloves, hearing protection, and a code boots when working with or near the power flange machine.</li> <li>Properly ground the power flange machine to reduct the sk of electrocution through adequate on a ray and conding techniques.</li> <li>Make sure the sur cables a ugs, and electrical components are in good condition, free of dama is or signs or lear, are paint whem regularly to avoid possible electrocution in eards.</li> <li>Esta undia clear and workspace around the power flange machine, ensuring ample base for machine twering and keeping the area free of tripping hazards.</li> <li>Install afety levices and as guards and shields, to cover any moving parts, pinch soints, or area, where twechanical hazards may be present, effectively limiting and seasons to hese anger zones while the machine is in operation.</li> <li>Implement a Job Safety Analysis (JSA) or similar risk assessment method before arting work with the power flange machine to identify potential hazards and or elop strategies for controlling and mitigating risks associated with each specific job.</li> <li>Ensure proper lighting and visibility in the work area to reduce the likelihood of accidents or incidents related to poor visibility while setting up and operating the power flange machine.</li> <li>Conduct toolbox talks or safety briefings with workers involved in the operation of the power flange machine, outlining relevant hazards, control measures, and safe working practices to increase awareness and reduce potential risks associated with the equipment.</li> <li>Always follow</li></ul>		
3. Check Flange Alignment	Pinch points, Slipping hazards	2M	- Ensure operators are well-trained in the appropriate use of the Power Flange Machine, including proper inspection and alignment techniques.  - Implement a pre-operation checklist that must be completed before any work with the flanges begins. This can help to ensure equipment is safely aligned and minimise the risk of accidents.  - Always use personal protective equipment (PPE) suitable for the specific task, such as gloves, safety footwear, and eye protection, to prevent injury from pinch points and slipping hazards.	1L	



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			- Conduct regular maintenance checks on the Power Flange Machine to ensure its proper functioning. Proper maintenance can reduce the chances of misalignment and other issues.		
			- Keep the working area clean and free of debrits of avoid any slipping hazards that may occur while handling the flanges or actioning the alignment.		
			- Develop and enforce safe operating proced as (SCC), that include thorough instructions on the correct method for checking alignment as well as steps to take if the alignment is found to be incorrect.		
			- Use appropriate tools and support devices like classifies, or wedges to hold flanges securely in a state of the secure of the		
			- Implement a cuem of community on that all cooperators and other personnel to quickly alert on other of potent haz s, such as misaligned flanges or the sudder releas of tension uring align.		
			- Esta pa design walking areas around the Power Flange Machine, ensuring they a key clear bazards and providing proper signage to direct workers.		
		- Regularly reason and andate the SWMS to address any changes in equipment or process, and sure twat all employees are informed of these updates.			
			between an agement and employees regarding hazard identification, incident porting, and suggestions for improving workplace health and safety practices.		
4. Secure Flanges	Falling objects, Caught-in hazards	3H		2M	



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5. Power Up Machine	Electrical shorts, Ear damage from noise	2M		1L	



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6. Start Initial Cut	Flying debris, Contact with moving parts	ЗН		2M	



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7. Stop Machine for Inspection	Burns, Exposure to coolant	2M		1L	



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8. Make Adjustments	Release of energy, Pinch points	ЗН		2M	



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9. Resume Cutting	Entanglement, Coolant spills	2M		1L	



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10. Perform Final Cut	Blind spots, Excessive vibration	3H		2M	



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11. Power Down Machine	Arc flash, Inadvertent activation			1L	



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12. Remove Machined Flange	Ergonomic strain, Shareug			2M	



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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

 $\textbf{Legislation QLD:} \ \underline{\textbf{https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws}$ 

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/acts-and-regulations

Codes of Practice ACT: https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice

#### **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/resource-library/lis codes-of ractice NSW: https://www.safework.nsw.gov.au/resource-library/lis codes-of-ractice NSW

#### **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-syllaws

Codes of Practice NT: https://worksafe.nt.gov.au/5

#### South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: <a href="https://www.safework.sa.gov.au/resources/legislation">https://www.safework.sa.gov.au/resources/legislation</a>

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 affety gulations 2017

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

<u>qulat.</u>

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	Pos	sition	Signature	Date	Time	Supe	ervisor
				Date:			
				Date			
				L te:			
				Date:			
				Date:			
				Date:			
				Date:			
		SAF WO A	STATEMENT	MONITORING AND R	EVIEW		
The SWMS must be reviewer revised if necessary) if relevar consultation with workers (incl of the SWMS and their health workplace.  When the SWMS has been readvised that a revision has be who will need to change a wor a way that will enable them to will be involved in the work muthem to understand and imple	and safety representatives wised the PCBU must ensure made and how they car k procedure or system as implement their duties corust be provided with the rel	contract s) who may be as who re esented that wor esented that wor are that all persons involve in access the revised SWM aresult of the revised SWM as isstently with the revised S	should be carried out in ffected by the operation k group at the  d with the work are S, including all persons divised of the changes in SWMS. All workers that	effective in reducing the person responsible for memploy a multi-faceted a  1. Spot Checks. 2. Consultation v. 3. Internal audits  An approach of continuo followed up by immediate	nitored regularly for the exist of incidents, keeping the onitoring the effectiveness peroach which includes but with workers, contractors at on a continual basis.  The improvement, promptly be corrective action and contently developing ever-improvement.	ne workplace safe for all of the Safe Work Method is not limited to:  and sub-contractors.  recording inconsistencies sultation with all relevan	personnel. The od Statement should statement should so or deficiencies, at personnel ensures
REVIEW NUMBER	<u> </u>	□ 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.	P		
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 SWI			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting secutions.			
Responsible person is assigned and listed on the SWMS for the imperent of contameasures.			
Permit requirements specified, such as Hot Work, Electrical Work, Vocat Heights etc.			
SWMS identifies plant and equipment to be u d.			
Details of inspection checks required for any equipment listed at noted on the SWMS.			
Describes any mandatory qualifications, experience reining 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 R	EVIEWED	
SIGNATURE	DATE CO	MPLETED	