Operate A Lathe Machi	ne SAFE WORK METHO	O STATEMENT (SWMS)	
TASK	OR ACTIVITY: Operate A Lathe	lachine	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E. ail:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PC. OF TP' ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conductive proposed work starts.	ucting a business or under thing (Pure U) is	required to entry that a safe work method	statement (SWMS) is prepared before
Full Name:			
Signature:		Title:	Date:
Details of the person(s) responsible for ensuring implementation, monitorin	compliance of the SWN, was well as re	eviews and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS WMS	NA OF ALL RELEVANT PERSONN EVELOPMENT AND APPROVAL OF	NEL WHO HAVE BEEN CONSULTED AND THIS SWMS	COMMUNICATED TO IN THE
Safety meetings or toolbox talks will be scheduled in according with regislative requirements to first identify any site hazards, and the to contract the those hazards and then to further take steps to either eliminate or contract leach hazard.			
If an incident or a near miss occurs, all work must store and ately. 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:	
Project Address:	
Project Manager:	
Contact Phone:	
Date SWMS supplied to Project Manager:	
☐ involves a risk of a person falling more than 2 meters	d 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	□ is carried out on or near energised electrical installations or services
□ involves demolition of an element related to the physical integritystructure	\Box is carried out in an area that may have a contaminated or flammable atmosphere
□ involves, or is likely to involve, disturbing as the set of the	□ involves tilt-up or precast concrete
involves structural alteration or repair the requires to prary support to prevent collapse	\Box 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	\Box 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 the first or tunnel involving use of explosives	\Box is carried out in areas with artificial extremes of temperature.
\Box is carried out in or near water or other liquid that involves a risk of drowning.	☐ involves diving work.
ANY HIGH-RISK MACHINER	RY OR EQUIPMENT NEARBY



RISK MATRIX								
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HEIRARCHY 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 befor work starts.	Replace the hazard.
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Isolate People from the hazard
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	nitor and key recorde	Engineering Isolate the hazard.
Notes on Hierarchy of Controls: Elimination methods are the most effective and preferrence on compage a hazard. Substitution s the second most effective method of controlling a hazard. Engineering by isolation is the up nost enstitive, while Administrative Controls by changing the work is the fourth most effective method. Notes on Hierarchy of Controls: Elimination methods are the most effective and preferrence on compage a hazard. Substitution is the up nost enstitive, while Administrative Controls by changing the work is the fourth most effective method. PPE (Personal Prote rive requipment) is the least effective PPE								

	PERS_NAL TECTIVE EQUIPMENT (PPE) Select the appropriate PPL about suitably for the equipment used or the job task being performed (if applicable).										
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION			RL SPIRATORY PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE R	Other PPE Required:										
	Permit or Licenses Requirements						Mandatory Qualifications and Training				



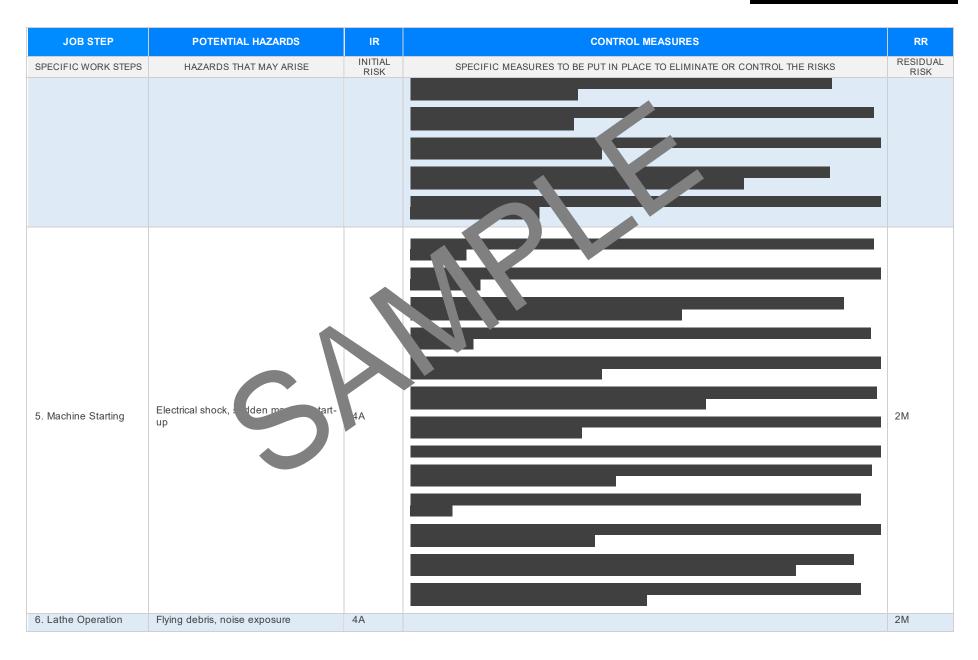
JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	Slips on oil or debris, falling objects	ЗН	 Conduct a pre-operational check to ensure work area is clean and free of spills or debris. Wear non-slip footwear to minimise the nsurf slipping on oil or other substances. Place toolboxes and equipment in designation reas to prevent tripping hazards and falling objects. Use appropriate signage to name employees on opperventaces in the work area. Regularly inspect accordinate the lathe machine consure it is functioning correctly and safely. Ensure all outputs and storty devices are include and operational before starting work on the lathe. Provide training for works on safe and any procedures and potential hazards associated with operational alat. Implement a rouge cleaning schedule to promptly address spills and remove debris from floors. Use solid containment kits and absorbent materials to quickly manage and clean up any oil leaks. Ensure ill her vitems that may pose a risk of falling are securely stored at ground level or adequately in and clearly mark safe walkways within the work area to avoid exposure to machine operations of minimise slip risks. Supervise new or inexperienced operators closely and provide mentorship from experienced staff to enhance safety awareness. 	2М
2. Inspection	Faulty equipment, sharp edges	зн	 Ensure all lathe machines are tagged and tested routinely by a qualified technician to identify and rectify any faults. Conduct a pre-operation check to identify sharp or protruding moving parts that may cause injury. Implement a lockout/tagout procedure to ensure the machine is not operational during inspection. Train employees on recognising signs of wear and tear on lathe components and when to report them. Maintain an up-to-date maintenance log for each lathe, detailing inspections, repairs, and upgrades. Use appropriate personal protective equipment such as gloves and safety goggles when inspecting lathe machines. Ensure all cutting tools are correctly sharpened and securely fastened before beginning any operation. Clear the work area of any debris or loose items that could interfere with a thorough inspection. Verify that all emergency stop mechanisms are functioning properly as part of the inspection protocol. Use appropriate lighting to clearly visualise all machine parts and potential hazards during the inspection. 	1L

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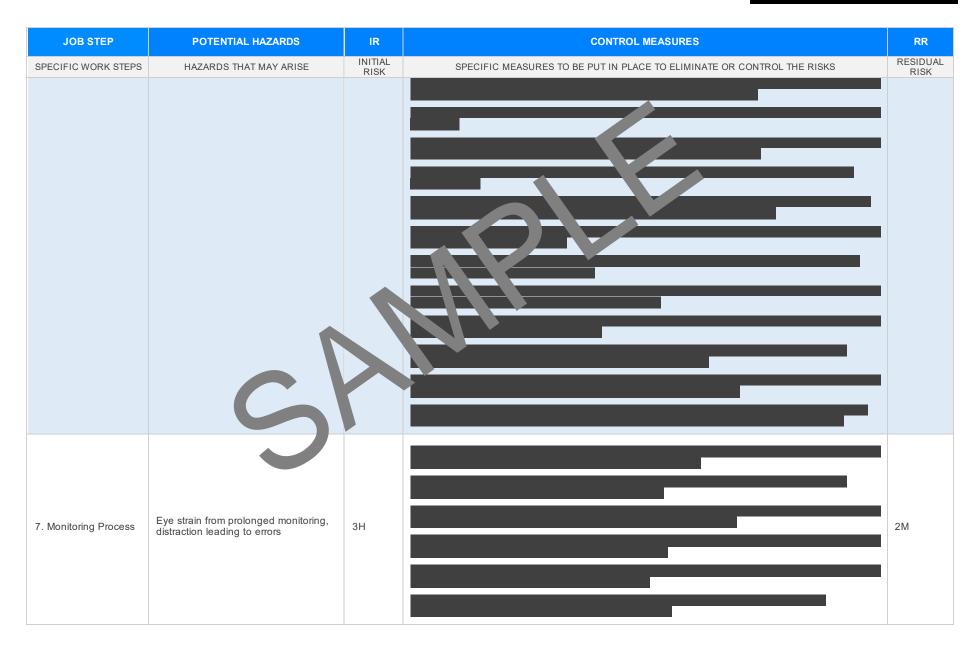
JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
			- Clearly label and mark areas or parts of the lathe that are damaged or need repair to prevent accidental use.	
3. Tool Setup	Incorrect tool installation, entanglement with moving parts	4A	 Conduct a pre-use inspection to ensure all thus and components are in good condition and safely secured. Ensure that operators are trained and concetent cool setup and operation procedures. Verify that the lathe machine is turned off an completely isolated from its power source before commencing with tool instantion. Use appropriate personal productive equipment (Photocch as gloves, long-sleeved shirts, and non-slip footwear. Ensure through loose clouing, jetallery, so air is secured to prevent entanglement hazards. Instantion theorem is moving on the applicable to prevent accidental contact during tool setup. Utilise the orrect roles and follow the manufacturer's instructions for installing and removing cutting implements. Clean, communicate with all team members about the lathe machine's status during setup to avoid expected start-ups. Furticlear signage around the work area indicating restricted zones during setup to keep unauthorised personnel at a safe distance. 	2M
4. Material Loading	Manual handling injuries, material slippage	ЗН		2M



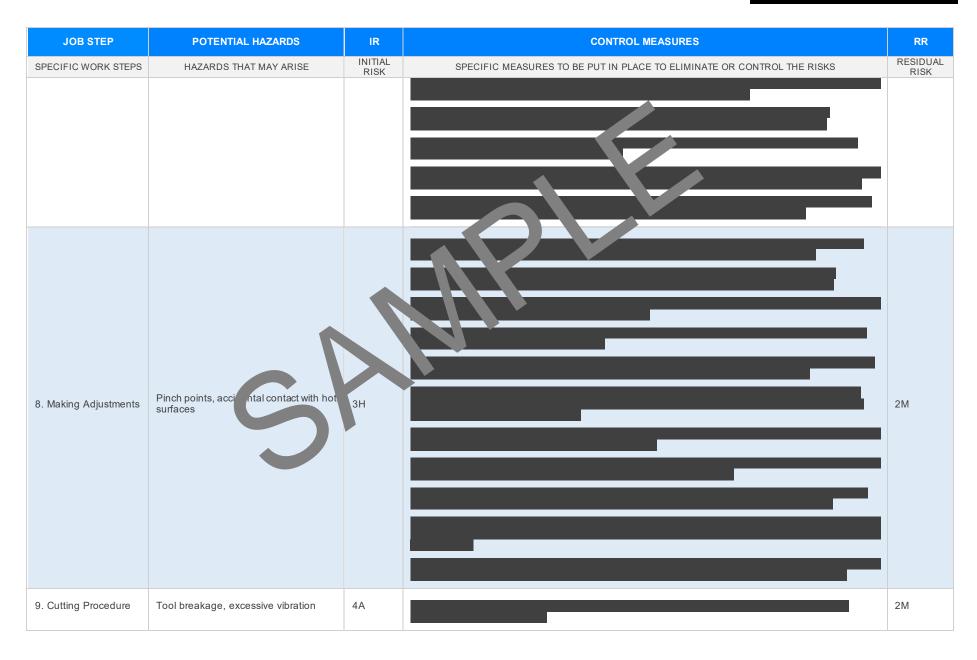


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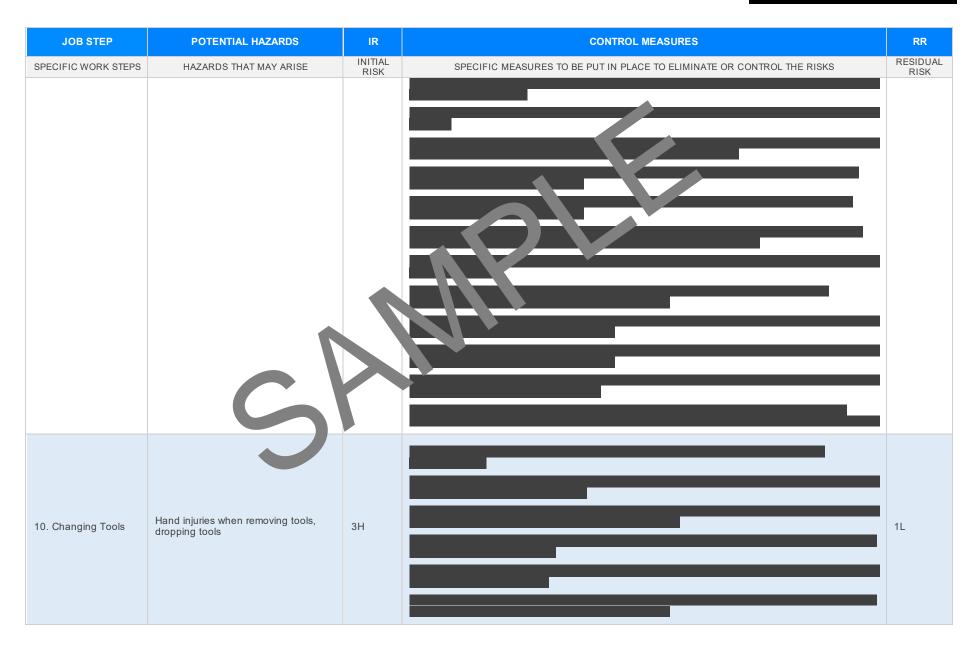








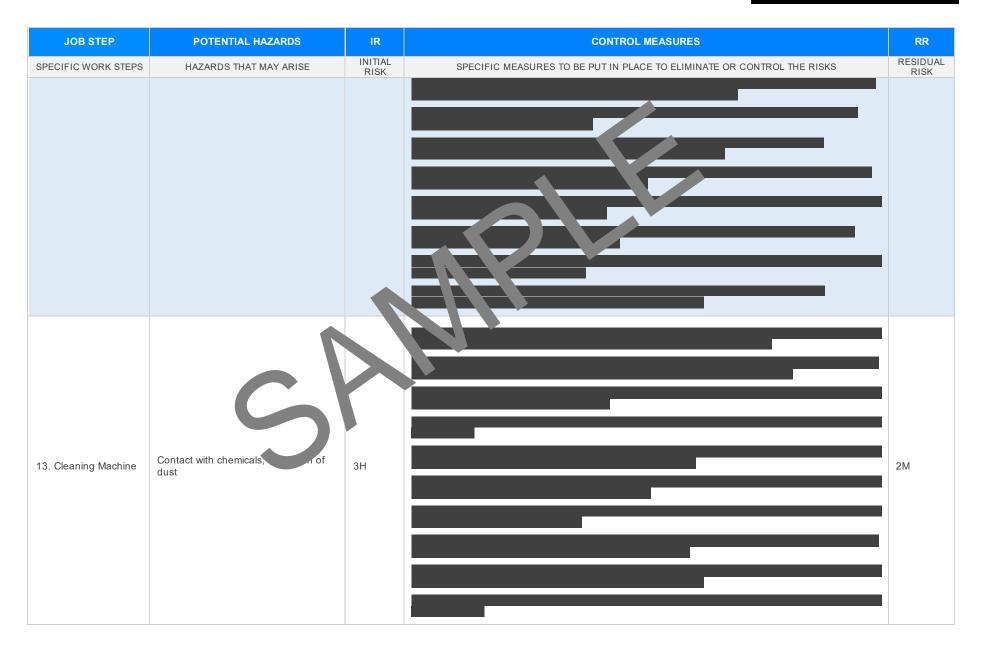






JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
11. Part Removal	Cuts from sharp edges, back injury during removal	3		2M
12. Measurement	Inaccurate readings due to improper positioning, repetitive strain	2M		1L

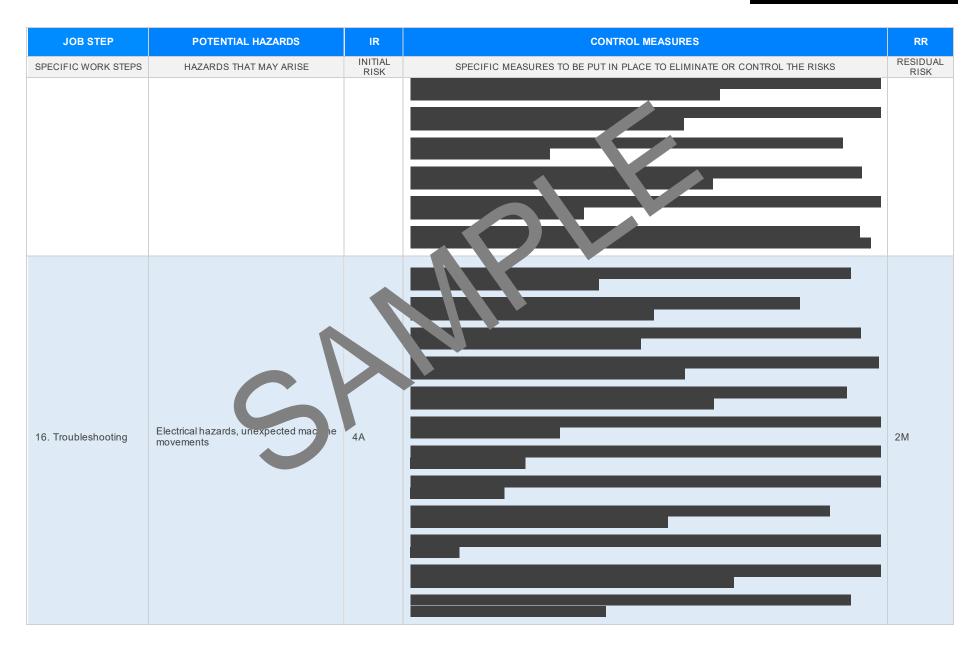






JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
14. Coolant Management	Spillage leading to slips, contact with skin			2M
15. Maintenance	Entanglement in moving parts, burns from hot surfaces	4A		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
17. Lockout/Tagout	Failure to isolate energy sources, unauthorised restart	ЗН		1L
18. Post-Operation Check	Overlooking lathe damage, residual heat from machine components	ЗН		2М

Version 2.5







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
20. Training & Education	Lack of operation communication insufficient PPE communice	вн		I I 1L I
21. Emergency Response	Panic leading to poor decision-making, inadequate escape procedure understanding	4A		2M

Version 2.5



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

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 REF	ERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLA	ATIVE REFERENCE IN ANY ST THAT 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/acts-and-regulations</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Och pational Health and Safety Andro004 Och ational Health and Safety Acqualitions 2017 Legis Lion VIC: <u>https://www.acrksafe.vic.gov.au/occupational-health-and-safety-act-and- gulations</u> Ides on Factice VIC <u>attps://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: https://www.safework.nsw.gov.au/legal-obligations/legis Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legis	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 201 Work Health and Safety (National Uniform Legislation) Regulate s 20 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance.orkplatestications</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/laws-and-compliance.orkplatestications</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-</u> <u>codes-of-practice</u>
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (S. Legislation for SA: <u>https://www.safework.sa.gov.au/resources_gislation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/w_splaces/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/codes-of-practice	 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

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 THE S ATEM AT MONITORING AND REVIEW The SWMS must be reviewed regularly to make sure it remain effect. and mu be reviewed (and The SWMS must be monitored regularly for the effectiveness of ensuring hazard controls are revised if necessary) if relevant control measures are revised. The s should be carried out in effective in reducing the risk of incidents, keeping the workplace safe for all personnel. The view consultation with workers (including contractors person responsible for monitoring the effectiveness of the Safe Work Method Statement should ntractors nay be cted by the operation of the SWMS and their health and safety representatives who rep sented that work group at the employ a multi-faceted approach which includes but is not limited to: workplace. 1. Spot Checks. When the SWMS has been revised the PCBU must ensure the all versons involved with the work are 2. Consultation with workers, contractors and sub-contractors. advised that a revision has been made and how they can acce the revised SWMS, including all persons 3. Internal audits on a continual basis who will need to change a work procedure or system as a reof the review are advised of the changes in a way that will enable them to implement their duties ntly with the revised SWMS. All workers that An approach of continuous improvement, promptly recording inconsistencies or deficiencies, will be involved in the work must be provided with the relevant information and instruction that will assist followed up by immediate corrective action and consultation with all relevant personnel ensures them to understand and implement the revised SWMS. 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	COMMENTS
The company details have been entered, including the project name and address.		
All relevant personnel consulted during the development of the SWMS.	\boxtimes	
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.	\boxtimes	
Any hazards listed in any site risk assessments have been added to the Sλ. S.	\boxtimes	
SWMS initial risk (IR) column as well as residual risk (RR) column completed.	\boxtimes	
Check control measures added to the SWMS are the most effective sections.	\boxtimes	
Responsible person is assigned and listed on the spiral of the spiral entry of control measures.	\boxtimes	
Permit or licenses requirements specified, so in as Hot Work, Electrical Work, Work at Heights etc.	\boxtimes	
SWMS identifies plant and equipment to be	\boxtimes	
Details of inspection checks required for any equipment lister are noted on the SWMS.	\boxtimes	
Describes any mandatory qualifications, experience, ang or skills required to perform the work.	\boxtimes	
Applicable personal protective equipment is selected on the SWMS.	\square	
Reflects and documents any legislative references and/or Australian Standards.	\boxtimes	
Identifies any hazardous substances used with specific control measures in line with any SDS.	\boxtimes	
REVIEWED BY	DATE REVIEWED	
SIGNATURE	DATE COMP	LETED