

Metal Laser Engraving Ma	achine SAFE WORK METH	OD STATEMENT (SWMS)	
TASK OR	ACTIVITY: Metal Laser Engravin	g Machine	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E vil:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY 1	THE PL J OF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	eting a business or undertaking (F RU) 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 a	ompliance 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 COMUNICATED TO IN THE DEVELO	LL RELEVANT PERSONNEL WHO HAVE BI PMENT 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, conditions those hazards and then to further take steps to either the conditions of the conditions are or conditionally as a condition of the conditions are or conditionally as a condition of the conditions are conditionally as a condition of the condition of the condition of the conditions are conditionally as a condition of the cond	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must standardly. 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						
Project Address:					known as cope of works).						
Project Manager:											
Contact Phone:											
Project Manager Sig	nature:										
Date SWMS supplie	d to Project Manager:										
	ANY HIGH-RISK CON PUC) NO 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.			is carried out on or near chemical, fuel or refrigerant lines.							
☐ involves demolition of	f an element of a structure	that is load-be n.		is carried out on or near energised electrical installations or services.							
☐ involves demolition of	f an element related to the	physical integrit of a str	2	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	mporal, 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 drownin	ng.	☐ involves diving w	vork.						
		ANY HI	IGH-RISK MACHINEF	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 -					





PER NAL TECTIVE EQUIPMENT (PPE)

FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING PROTECTION	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	Accidental machine start, Electrocution	ЗН	Here are the control measures for the work step "Preparation" for a Metal Laser Engraving Machine and its associated hazards: - Ensuring electrical equipment is regularly instruced for obvious damage or defects by competent personnel. - Using lockout/tagout procedures for repairing hadjusting, or performing maintenance on metal laser engraving machine movoid accidental start-up. - Making sure all workers we posafety equipment agloves masks, booth shields to minimise any unexpected risk binjuries. - Educating workers associated by methods of shuking down the machine, including known of the local or and or of emerol cy-stop buttons. - Checking the metal been engrave to schine and other equipment are grouped to correct to or cent electrocular risks. - Thorough training operators in safe work practices related to the setup, operation, and manter ope of or machine. - Testing electing all instructions and equipment for earth continuity and insulation sistance periodally - at least every 6 months. - Imported ingline a close monitoring system to oversee the proper implementation of afety in cures. - Imported ingline a close monitoring system to oversee the proper implementation of afety in cures. - Indicating and maintenance of the machine to ensure there aren't loose parts, dust build-up, corrosion, or faulty wiring, contributing to safety hazards. - If working with hazardous materials, ensuring adequate ventilation in the workspace to allow for the dissipation of potentially harmful fumes. - Using barriers and guards around the machine to prevent people from coming too close or accidentally contacting moving parts. - Making sure power points are not overloaded by using one plug per socket and always unplugging the machine when it's not in use.	2M	
2. Position Material	Incorrect positioning, Material slippage	4A	 Ensure all personnel are adequately trained in the correct positioning of materials prior to operation. Use appropriately graded material handling equipment to position heavy materials. Regularly inspect and maintain all material handling equipment to guarantee safe operation. Implement standard operating procedures (SOP) for material positioning, and ensure they are regularly reviewed and updated. 	ЗН	



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			- Conduct a risk assessment before each operation to identify any potential issues related to incorrect positioning or material slippage.		
			- Encourage employees to report any concerns or cential hazards relating to material positioning, and implement appropriate amedial actions promptly.		
			- Ensure suitable personal protective equipment (PPE) is med by all workers during the positioning of materials.		
			- Establish clear communication channels among team members during material placement operations to precent accidents.		
			- Introduce a system of regular tasks during prolony asks to prevent worker fatigue, which capable to shah ang of materials.		
			- Implement a slip mattir or othe atti-slip actions where possible to prevent material slipp 3.		
			- Em, 'two-, 'we'le' for particularly heavy or awkward materials to minimise risk or be rectly puring or dropping materials.		
			Ensure hat a mach, is regularly inspected, serviced and maintained by elified rofes, hals to prevent misconfiguration issues up front.		
	•		- Proteining for all operators on how to correctly set controls on the engraving achine a recognise signs of possible misconfiguration.		
			- low manufacturer's guidelines when operating the machine and setting controls.		
			Install clear signage near the machine reminding operators of correct procedures and potential hazards.		
			- Use insulated gloves and footwear as a precautionary measure against electrical shocks.		
			- Ensure machine is properly earthed to manage any unforeseen electrical hazards.		
3. Set Controls	Misconfiguration, Electric Shoot	3H	- Regularly check and replace any damaged power cords or electrical components of the machine.	2M	
			- Never attempt to service or repair the engraver while it is connected to a power source. Always disconnect and lock out power first.		
			- Have an emergency procedure in place, including easily accessible emergency shut-off switches.		
			- Keep the workspace around the machine clean and dry to help mitigate the risk of electric shock.		
			- Perform regular audits to maintain safety standards and identify potential issues before they become hazardous.		
			- Encourage workers to report any technical issues or anomalies they encounter during operation immediately.		



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			- Do not overload circuits by connecting too many devices to the same outlet that the engraving machine uses.		
			- Make sure there is adequate lighting in the worker to ensure workers are able to safely operate the engraving machine.		
4. Operate Machine	Noise, Fumes, Fire			2M	



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5. Material Inspection	Sharp edges, Hot	\$W		1L	



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6. Clean-up process	Chemical exposure, Slips, trips, and	2M		1L	
7. Maintenance	Electric shocks, Cuts from sharp parts	4A		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	NAME OF PERSON
8. Emergency shutdown	Incomplete shutdown, Panic	3H		2M	



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9. Waste Disposal	Incorrect disposal, Exposure to hazardous waste	2M		2M	



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10. Periodic Testing	Electric shocks, Equipment malfunctioning	4A		2M	



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11. Training	Lack of preparedness, Unfamiliarity with equipment	ЗН		2M	



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12. Quality Control	Defective products, Unmet standards	2M		2M	



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR RESIDUAL RISK	RESPONSIBLE PERSON
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	AL SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS		NAME OF PERSON
13. Store Materials	Material misplacement, Hazareous material spillage	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
. Documentation	Data loss, Misrec led information	1L		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
15. Power off	Incorrect shutdow process, Electrical	3H		2M	
15. Powel OII	shock	SH		ZIVI	



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES		RESPONSIBLE PERSON
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS		NAME OF PERSON





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: https://www.worksafe.act.gov.au/laws-and-compliance/codes-oi-practice

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/legislations/leg

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

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/5

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/le_lation

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.xsafe.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.

Tollow arry sale work instruction							
Worker Name	Pos	sition	Signature	Date	Time	Sup	pervisor
				Date:			
				-			
				Date			
				l te:			
			AV	Date:			
				Date:			
				Date:			
				Date:			
		SAF WC A 5	THUD STATEMENT	MONITORING AND I	REVIEW		
The SWMS must be review revised if necessary) if relevations consultation with workers (incoff the SWMS and their health workplace. When the SWMS has been readvised that a revision has been who will need to change a wear way that will enable them to will be involved in the work rether to understand and implements.	ant control measu cluding contractors and sub- h and safety representatives revised the PCBU must ensi- leen made and how they cal- lork procedure or system as to implement their duties cor- nust be provided with the rei	contract s) who may be aff s who re esented that work are that all persons involved in access the revised SWMS a result of the review are accessistently with the revised SN	hould be carried out in fected by the operation a group at the with the work are so including all persons dvised of the changes in WMS. All workers that	effective in reducing the person responsible for remploy a multi-faceted at 1. Spot Checks 2. Consultation 3. Internal audit An approach of continuation followed up by immedia	onitored regularly for the risk of incidents, keeping to nonitoring the effectiveness approach which includes but with workers, contractors as on a continual basis. The property is a sound that is a continual basis on a continual basis on a continual basis on a contently developing ever-implements.	he workplace safe for a sof the Safe Work Metal at is not limited to: and sub-contractors. recording inconsistence insultation with all relevant	all personnel. The hod Statement should statement should size or deficiencies, ant personnel ensures
REVIEW NUMBER	□ 1	<u> </u>	□ 3	<u></u> 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 paining 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	