

Lasers Classes 1 and	2 SAFE WORK METHOD	STATEMENT (SWMS)	
TASK	OR ACTIVITY: Lasers Classes 1	and 2	
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	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	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 egislative requirements to first identify any site hazards, conditions in the property of	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must stead attely. 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.			



		CL	IENT OR PRINCIPAL	CONTRACTOR D	DETAILS				
Client:						SCOPE OF WORKS			
Project Name:				Provide a detailed description	n of the specific work being	carried out (otherwise			
Project Address:					known as cope of works).				
Project Manager:									
Contact Phone:									
Project Manager Sig	gnature:								
Date SWMS supplie	ed to Project Manager:								
ANY HIGH-RISK CON PUC) NO JRK BEING CARRIED OUT									
☐ involves a risk of a p	erson falling more than 2 n	neters.		is carried out on	is carried out on or near pressurised gas mains or piping.				
☐ is carried out on a te	lecommunication tower.		$H \cap H$	is carried out on	arried out on or near chemical, fuel or refrigerant lines.				
☐ involves demolition of	of an element of a structure	that is load-be		is carried out on	d out on or near energised electrical installations or services.				
☐ involves demolition of	of an element related to the	e physical integril of a str	3	is carried out in	is carried out in an area that may have a contaminated or flammable atmosphere.				
☐ involves, or is likely t	o involve, disturbing a es	stos.		involves tilt-up or precast concrete.					
☐ involves structural al	teration 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	ear 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 involvir	ng use of explosives.	is carried out in	areas with artificial extremes of	f temperature.			
is carried out in or ne	ear water or other liquid tha	at involves a risk of drowning	ng.	involves diving v	vork.				
		ANY H	IGH-RISK MACHINER	RY OR EQUIPMEN	NT 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 -			





FOOT HAND **HEAD HEARING** SPIRATORY FACE HIGH-VIS **PROTECTIVE** FALL SUN HAIR/JEWELLERY CLOTHING **PROTECTION PROTECTION** PROTECTION **PROTECTION** PROTE DTECTION **PROTECTION** CLOTHING **PROTECTION PROTECTION SECURED**

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 training, Laser misalignment	2M	 The proper training and certification programs shall be conducted by qualified trainers to ensure all workers understand the safe undersity, and precautions associated with lasers Classes 1 & 2. Written instructions, including the necessor safety guidelines regarding the handling of lasers Classes 1 & 2, should be a byided to such worker before starting the preparation process. Ensure that only workers who have undergone to propriate tracing are allowed to handle or operate lasers Classes 1 & 2 in the work once. Workers must always to ke use of appropriate persour protective equipment (PPE) during the separate work one, which mant include safety glasses, gloves, and protective obthing, dejending to the special stasks being performed. A risk tassess ont should be conducted dentify hazards associated with laser equipment and to be conducted of dentify hazards associated with laser equipment and to be conducted of workers' health and safety. Align the ers proceedy and securely as per manufacturer's instructions and using industry apply and mends to prevent misalignment during operation. Regula vinsuest and maintain the alignment tools and devices to ensure their position and efficiency and industry apply and mends to prevent misalignment processes. Implies the strict lockout/tagout procedures to prevent unauthorised access or impering of the laser equipment during the preparation phase. Liablish and enforce a clear line of communication among the team members during the preparation process to ensure any issues or discrepancies are promptly addressed. Assign a qualified supervisor or experienced staff member with expertise in lasers Classes 1 & 2 as an overseer to monitor and guide workers during the preparation stage to prevent accidents or errors. Display clear warning signs and labels around the work area to alert all workers about the presence of lasers and their respective hazards. Schedule periodic chec	1L	
2. Installation	Electrical shock, Incorrect mounting	ЗН	- Proper Training and Education: Ensure that all workers involved in the installation process have undergone adequate training to understand and follow safety procedures, including the handling of electrical equipment and mounting lasers. - Lockout/Tagout Procedure: Implement a lockout/tagout procedure to isolate the power source when installing or working on the lasers, minimising the risk of electrical shocks.	1L	



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			 Inspection of Equipment: Prior to each installation job, inspect electrical tools, cords, and Personal Protective Equipment (PPE) for any visible damages or faults. Repair or replace any damaged pieces before starting the work process. 		
			- Utilise Non-Conductive Tools: Use insulated con-conductive tools during the installation process to minimise the risk of carrical shock		
			- Correct Mounting Procedures: Follow the nour ufactors a guidelines for correctly mounting lasers of Classes 1 and 2, ensuring a securely fastened to avoid dislodgment or accidental movement.		
			- Use GFCI Protection: Ensure the use of Ground Park (GFCI) protection on electrical lets on tension cords to the ce the risk of electrical shock from unexpected ground fat		
			- Set Up a S Workspace stablish deer ated work area with proper lighting, ventilation, and pough of trance for V is and equipment, which helps in previous accious section to a can lead to incorrect mounting.		
			- Wea private PE: Workers should wear suitable PPE, such as gloves, protect a e. year, a non-conductive footwear, to reduce the likelihood of injuries during to institution process.		
	•		onitor /ork be ironment: Regularly check the work environment for any changes or heard, such as wet surfaces or spilled conductive materials, which could ncrease risk of electrical shock.		
			- plement Emergency Response Plan: Develop and communicate an emergency response plan detailing actions to be taken in case of accidents, such as electrical shock incidents or injuries due to incorrect mounting. This will ensure a quick and effective response, minimising further harm to workers and equipment.		
			 Proper Training: Ensure that all personnel handling or working near lasers are adequately trained in laser safety, including proper usage techniques and understanding the specific hazards associated with their equipment. 		
			- Laser Safety Glasses: Require all individuals working in proximity to the lasers to wear appropriate Laser Safety Glasses that block or filter the specific wavelength of light emitted by the lasers being used.		
3. Operation	Unintended exposure, Eye damage	2M	- Warning Signs: Place prominent warning signs at all entrances to areas where lasers are in use, clearly indicating the presence of potentially harmful laser radiation and the need for eye protection.	1L	
			- Beam Path Enclosures: Use enclosures or barriers around the laser beam path to physically prevent people from accidentally coming into contact with hazardous levels of laser radiation.		
			- Controlled Access: Restrict access to laser work areas to only authorised and trained individuals, using locked doors, key card systems, or other security measures as appropriate.		



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			- Beam Shutter: Equip all laser systems with an interlocked beam shutter or similar device that blocks the beam when the laser is not in active use, preventing unintended exposure.		
			- Laser Classification: Ensure that the correct class is being used for the intended application, with lower power class preferred where adequate for the operation requirements.		
			- Maintenance Procedures: Implement regular systems to ensure they are functioning properly technical issues or malfunction that may present stitional cards.		
			- Emergency Shutdown pocedule Develop a clear emigency shutdown procedure for all laser system and to hall purpose on how to enact it in the event of an incident or father posing a larger to orkers and upper to orkers.		
			- Awar bess compaigned nduct period corkplace information sessions on laser safety hilighty the etential hazards, safe operational practices, and the important of following established safety protocols.		
			- Incide t Reprting: ablish and enforce a policy for reporting accidents and near misses volve lasers insuring that lessons are learned from these incidents and levant afety assures are adjusted or reinforced as necessary.		
			- Regular Judits: Perform regular safety audits of laser work areas, equipment, and perating obcedures to identify potential hazards, assess risk levels, and address vareas requiring improvement to maintain the highest standards of workplace has the and safety.		
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4. Maintenance	Electric shock, Beam obstruction	2M		1L	



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5. Storage	Unauthorised access, Improper storage	1L		1L	



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6. Testing	Device malfunction, Incorrect measurements	ЗН		1L	



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7. Calibration	Incorrect calibration, Human error	2M		1L	



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8. Cleaning	Exposure to chemicals, Option age	3H		1L	



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9. Inspection	Absence of safety, quipment Insufficient docums	2M		1L	



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10. Transportation	Damage during transit, Accidental activation	ЗН		1L	



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11. Emergency Response	Lack of emergency procedures, Fire hazard	4A		2M	



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12. Decommissioning	Unexpected activation, Disposal risks	2M		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 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.gld.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/legislations/leg

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/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/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 34

Occupational Health and afety gulations 2017

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

gulat

des on actice VIC attps://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	Sup	pervisor	
				Date:				
			Date:					
			Date:					
				Date:				
	Date:							
		SAF WC A	STATEMENT	MONITORING AND	REVIEW			
The SWMS must be reviewed regularly to refixe sure it remains effective and must be reviewed (and revised if necessary) if relevant control measure are a constructively process should be carried out in consultation with workers (including contractors and subcontract is) who may be affected by the operation of the SWMS and their health and safety representatives who reduces essented that work group at the workplace. 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. 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	<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 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 SWh			
SWMS initial risk (IR) column as well as residual risk (RR) columns completed.			
Check control measures added to the SWMS are the most effecting so tions.			
Responsible person is assigned and listed on the SWMS for the imperent of continue assures.			
Permit requirements specified, such as Hot Work, Veralt Heights etc.			
SWMS identifies plant and equipment to be u d.			
Details of inspection checks required for any equipment listed are noted 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.			
dentifies any hazardous substances used with specific control measures in line with any SDS.			
REVIEWED BY	DATE R	EVIEWED	
SIGNATURE	DATE CO	MPLETED	