

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	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 CO. MUNICATED 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 agislative 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 conditional talks.	NAME	SIGNATURE	DATE
If an incident or a near miss occurs, all work must steam 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:					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 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.		$H \cap H$	is carried out on or near chemical, fuel or refrigerant 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 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 work.								
		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 training, Laser misalignment	2M	<ul> <li>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 &amp; 2.</li> <li>Written instructions, including the necessor safety guidelines regarding the handling of lasers Classes 1 &amp; 2, should be a byided to such worker before starting the preparation process.</li> <li>Ensure that only workers who have undergone to propriate tracing are allowed to handle or operate lasers Classes 1 &amp; 2 in the work once.</li> <li>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.</li> <li>A risk tassess out 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.</li> <li>Align the ers proceedy and securely as per manufacturer's instructions and using industry apply and securely as per manufacturer's instructions and using industry apply and mends to prevent misalignment during operation.</li> <li>Regula vinsuest and maintain the alignment tools and devices to ensure their position and effectiveness during alignment processes.</li> <li>Implies the strict lockout/tagout procedures to prevent unauthorised access or impering of the laser equipment during the preparation phase.</li> <li>Lablish and enforce a clear line of communication among the team members during the preparation process to ensure any issues or discrepancies are promptly addressed.</li> <li>Assign a qualified supervisor or experienced staff member with expertise in lasers Classes 1 &amp; 2 as an overseer to monitor and guide workers during the preparation stage to prevent accidents or errors.</li> <li>Display clear warning signs and labels around the work area to alert all workers about the presence of lasers and their respective h</li></ul>	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 includant of guidelines for correctly mounting lasers of Classes 1 and 2, ensuring a securely fastened to avoid dislodgment or accidental movement.		
			- Use GFCI Protection: Ensure e use of Ground F It Count Interrupter (GFCI) protection on electrical elets on tension cords to be see the risk of electrical shock from unexpected ground fat		
			- Set Up a S Workspace Establish des Luted work area with proper lighting, ventilation, and bough of trance for works and equipment, which helps in prevent accidence can lead to incorrect mounting.		
			- Wea printed PE: Workers should wear suitable PPE, such as gloves, protect a experience of the protect page of the protect pa		
	•		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.		



NAME OF PERSON



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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 docume	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.qld.gov.au/laws-and-compliance/work-health-and-safety-laws

Codes of Practice QLD: <a href="https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice">https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</a> 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: 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-

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-

<u>qulat.</u>

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	Supe	ervisor
				Date:			
				Date			
				L te:			
			AV	Date:			
				Date:			
				Date:			
				Date:			
		SAF WC A	STATEMENT	MONITORING AND R	EVIEW		
The SWMS must be reviewed regularly to reak sure it remains effective and must be reviewed (and revised if necessary) if relevant control measure are subcontracted by the operation of the SWMS and their health and safety representatives who redesented 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	□ 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	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	