

Spectrum Discharge To	ube SAFE WORK METHO	D STATEMENT (SWMS)	
TASK	OR ACTIVITY: Spectrum Discharç	ge Tube	
Business Name: [Company Name]		ABN: [ABN]	SWMS#
Business Address: [Company Address]			
Contact Person:	Phone: [Phone]	E il:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY 1	THE P. OF THE PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	eting a business or undertaking (N=3U) is	required to ure 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 WAS. 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 egislative requirements to first identify any site hazards, conditions unical those hazards and then to further take steps to either the conditions of the conditions are or conditions.	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.			



		CLI	ENT OR PRINCIPAL	CONTRACTOR D	ETAILS				
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.		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, railwa	ay, shipping lane or other to	raffic corridor.		
is carried out in or ne	ar a confined space.			is carried out in a	an area of a workplace where t	here is any movement of p	owered 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	Electric shock, Slips and trips	2M	Proper Training: Ensure that all the workers handling Spectrum Discharge Tubes are adequately trained in safe work procedures and is aware of the potential hazards involved. Inspect Equipment: Before starting any who winspect all equipment, including power cords and plug connections, to ensure hey are in and condition without any visible damages or wear. Use Correct Personal Protentive Equipment (Pr. 1): Workers equild wear appropriate PPE, such as not conductive gloves, lety she with slip-resistant soles, and safety gogdles to princt against electric form and prevent slips and trips. Maintain a form and Tide York Are is Keeper work area free from any unnecessary letter or dehay, ensuring the user are no trip or slip hazards present. Implicant Sain as Stange: Clearly display relevant warning signs or labels near the work area to in or in other workers, visitors, or staff about the potential hazards involve. Establing Issue ion Zons: Set up designated areas where only authorised areas used access to minimise the risk of accidental contact or into sere in with a work being performed on Spectrum Discharge Tubes. Installing dual Current Devices (RCDs): Utilise RCDs to provide additional tection against electric shock by cutting off power supply when an imbalance in count is detected. Ground Workplace Equipment: Make sure that all electrical appliances, machinery, and tools used in the process are properly grounded to prevent possible equipment malfunctions and reduce the risk of electric shock. Secure and Organise Cabling: Properly secure electrical cables, wires, and extensions using cable organizers or covers to minimise the likelihood of accidents caused by tripping over or entanglement with loose wiring. Regular Maintenance and Servicing: Conduct routine maintenance checks and necessary services of all equipment and machinery used in the work process to ensure their continued safe operation. Implement Emergency Response Procedures: Develop clear guidelines for workers and supervisors to follow in cas	1L	
2. Transporting Equipment	Manual handling injuries, Vehicle accidents	3Н	- Provide proper training to all workers involved in transporting equipment on safe manual handling techniques, correct lifting procedures, and use of mechanical aids to minimise the risk of injuries.	2M	



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			 Conduct regular inspections and maintenance checks of transportation vehicles to ensure they are in good working condition and can safely transport the Spectrum Discharge Tube without accidents. Implement a strict protocol for securing and worlding equipment from vehicles, including clear guidelines on using appropriate restraints and personal protective gear to prevent accidents and equipment data age. Assess the weight and size of the Spectrum age Tube prior to lifting or moving it and determine an anoropriate team size of assist in product handling to avoid overexertion and potents, injuries. Ensure that workers the access to adequate rest to ask during the work shift for recovery and production of verexers in leading to manual handling injuries. Maintain and an and orgated work invite ment to reduce trip hazards and improve overal cansport on safety. Employ afficing gement protocols and clearly communicate with all site person fair out the powernet of the Spectrum Discharge Tube and related equipment to minimis. The likelihood of vehicle accidents. Plan and discoss the transportation route beforehand, taking into consideration any pointial bastact wilke slopes, tight corners, narrow passages, and uneven surfaces that the protective equipment (PPE), such as gloves, hard hats, and steel-toed bools, to protect against possible injuries. Establish and adhere to standard operating procedures (SOPs) for storage and organisation of the Spectrum Discharge Tube and related equipment, preventing hazardous stacking or unsafe conditions. Encourage a culture of open communication and proactive reporting of any incidents, hazards, or near misses within the workplace to improve overall safety and risk management in the transporting of the Spectrum Discharge Tube. Regularly review and update the Safe Work Method Statement (SWMS) and communicate any changes to the workers involved in transporting equipment to ensure continued complianc		
3. Setting Up Work Area	Falls from heights, Struck by equipment	3H	- Ensure all workers have completed the necessary safety training and are aware of the potential hazards associated with the setting up of work area and handling Spectrum Discharge Tubes. - Make sure workers wear appropriate PPE (Personal Protective Equipment) such as safety helmets, gloves, safety boots, and high visibility vests to mitigate the risks associated with falls from heights and being struck by equipment. - Establish a marked exclusion zone around the set-up area to prevent unauthorised access and reduce the risk of injury from falling objects and contact with equipment.	1L	



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			- Use a secure and stable platform (e.g., scaffolding or scissor lifts) when working at heights to minimise the risks of falls while setting up the work area.		
			- Implement an effective communication system array team members, including the use of radios, signage, or hand signals, to ure safe coordination during the set-up process and to prevent accidents.		
			- Inspect and maintain all equipment and too used at a gifthe set-up phase to ensure they are in proper working condition, first and defects, and suitable for their intended purpose.		
			- Implement a tool tethering symmetry materials and the second of the se		
			- Store materic and equipment average of elevated work areas to reduce the conces of their ecident, fall off and causing injury.		
			- Make are the new coarea is well-lit and free from obstructions and tripping hazal, and promit coare movement and reduce the risk of falls during the set-up proces. - Develor are inforce comprehensive rescue plan to provide quick assistance to any work in which experiences a fall-from-height incident during set-up. - Construction of the comprehensive rescue plan to provide quick assistance to any work in which experiences a fall-from-height incident during set-up. - Construction of the comprehensive rescue plan to provide quick assistance to any work in which experiences a fall-from-height incident during set-up. - Construction of the comprehensive rescue plan to provide quick assistance to any work in which experiences a fall-from-height incident during set-up.		
			- Intinuously monitor and review the effectiveness of implemented control measures, and make necessary adjustments as needed to ensure ongoing safety during the set-up phase.		
4. Assembling	5				
Spectrum Discharge Tube	Cutting hazard, Pinching hazard	2M		1L	



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5. Connecting Power Source	Unauthorised access, Electric shock	4A		3Н	



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6. Performing Test Operations	Inhalation of harmful gases, Chemical burns	3H		1L	



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7. Troubleshooting Issues	Electric shock, Mechanical hazards			1L	



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Disassembling			· ·		
Disassembling pectrum Discharge ube	Pinching hazard, tting be	2M		1L	



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9. Decontamination Process	Exposure to haza obus chemicals Dermatitis	2M		1L	



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10. Packaging & Labeling Materials	Ergonomic hazards, Miscommunications	2M		1L	



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11. Transporting Materials to Storage	Manual handling injuries, Vehicle accidents	ЗН		1L	



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12. Cleanup & Waste Disposal	Inadequate waste disposal, Environmental contamination	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

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

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/legislati

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/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 all Safety Act

Occupational Health and afety gulations 2017

Legis on VIC: https://www.safe.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.

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	