



Plastic Fabrication	SAFE WORK METHOD S	TATEMENT (SWMS)	
TAS	SK OR ACTIVITY: Plastic Fabrica	ition	
Business Name:		ABN:	SWMS#
Business Address:			
Contact Person:	Phone:	E ill:	
THIS SAFE WORK METHOD	STATEMENT IS APPROVED BY	THE PCL OF THE ROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a person conduct the proposed work starts.	eting a business or undo (PC I) is	required to en. e that 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	poliance the VMS a well as review	s and modifications of the SWMS.	
Full Name:		Title:	Phone:
ALL PERSONNEL PARTICIPATING IN ANY ACTIVITY ON THIS 5 MS M HAVE THE FOLLOWING COMMUNICATED	NAL OF ALL RELEVANT PERSONNI EVELOPMENT AND APPROVAL OF	EL WHO HAVE BEEN CONSULTED AND CO THIS SWMS	OMMUNICATED TO IN THE
Safety meetings or toolbox talks will be scheded in accomply with gislative requirements to first identify any site hazards, and then to further take steps to either eliminate or continuous each hazard.			
If an incident or a near miss occurs, all work must sto, quately. 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.			

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CLIENT OR PRINCIPAL	CONTRACTOR DETAILS
Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date SWMS supplied to Project Manager:	
ANY HIGH-RISK CONSTRUCTOR	ON WO K BEIN O KRIED OUT
☐ involves a risk of a person falling more than 2 meters	☐ 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 integration of a ructure	☐ is carried out in an area that may have a contaminated or flammable atmosphere
☐ involves, or is likely to involve, disturbing asb	☐ involves tilt-up or precast concrete
☐ involves structural alteration or repair that — quires term — ov sup — rt to prevent collapse	☐ 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	☐ 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 tha tunnel involving use of explosives	☐ is carried out in areas with artificial extremes of temperature.
☐ 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

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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		Engineering Isolate the hazard.	
Notes on Hierarchy of Controls: Elimination methods are the most effective and preferre that controls by changing the work is the fourth most effective method. PPE (Personal Protective Equation). The least effective method is the fourth most effective method.										

				PERS		TIVE EQUIPM					
		Select the app	ropriate PPL	abo. ~uitab	le or the equip	oment used or	the job task	being perform	ned (if applica	able).	
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	ARING STION	F' CTIO	RL PIRATORY PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED
Other PPE R	equired:										
	Pe	ermit or Licen	ses Requirem	ents		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
Pre-start planning and induction	Unfamiliar emergency procedures Unidentified hazardous chemicals Unidentified machine guarding Inadequate ventilation Untrained personnel on machinery	3H	 Review site-specific SWMS and ensure so of plastic fabrication activities is clearly defined before starting work Identify all plant and equipment to be used, in the githermoforming machines, extruders, rotational moulding equipment, pressure formers and vactor formers, and confirm they are registered and maintained in accordance with VHS Regulations of manufacturer instructions Obtain and review of an tisate Data Sheets (SDs and Il plastics, solvents, adhesives, release agents and cleaning professible. The confirming so all and local chaust intilate capacity is adequate for expected furnes and vapours by checking airfile indicator of commission greports. Verification of competency (VOC) for specific in thines, if processes before authorising use Conduit a continuous covering emergency exits, eye wash stations, safety showers, fire extinguitivers, ill kits and first aid equipment locations Landblis exclusion zones around high-risk plant using barriers or floor markings and install clear signation in authorised personnel only Ichedule noisy, furne-intensive or heat-intensive tasks to minimise overlap with other workgroups where reconably practicable Confirm emergency stop devices on all major plant are tested and functional before commencing production DO NOT allow unaccompanied visitors or untrained labourers to enter machinery operating areas 	2M
Receiving and storing plastics	• I rin hazards from hackading		 Use forklifts, pallet jacks or mechanical aids to move heavy plastic sheets, granules and moulds instead of manual lifting Inspect pallets, strapping and wrapping for damage before lifting and DO NOT lift unstable pallets Stack plastic sheets, moulds and raw material bags within rated racking, below maximum safe working load (SWL) and height limits Store plastic granules and powders in sealed, labelled containers to prevent spills and dust generation Keep aisles and access ways clear by removing plastic offcuts, strapping and wrapping from floors immediately Segregate flammable solvents, adhesives and cleaning agents from ignition sources in a ventilated, bunded chemical cabinet compliant with AS 1940 Label all chemicals and plastics clearly with product name and hazard pictograms as per GHS requirements 	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 • Provide spill kits suitable for pellets, powders and liquids near storage areas and train workers in their use	RESIDUAL RISK
Handling and cutting plastic sheets	Sharp edges on acrylic sheets Flying swarf and offcuts Noise from cutting equipment	3Н	DO NOT store heavy moulds or materials above sulder height where they may fall during retrieval Lift large acrylic and polycarbonate sheet. Sing team or vacuum lifters to avoid twisting and sudden drops Deburr cut sheet edges using appropriate tool. Fore manual andling to reduce laceration risk Fit guards and interlocks on ws, routers and guestiness accordance with AS 4024 and verify they operate before use Use clamping access to cure the step before thing to prevent kickback and movement Connect cut greating and polycarbonals are entillation or dust extraction systems and verify suction	2M
·	Entanglement in rotating blades Airborne plastic dust		Performance by the starting Weath NZS 1 conditions compliant safety glasses or face shield and cut-resistant gloves when cutting or trimming platics Weath NZS 1 conditions compliant safety glasses or face shield and cut-resistant gloves when cutting or trimming platics Weath NZS 1 conditions compliant safety glasses or face shield and cut-resistant gloves when cutting or trimming platics Weath NZS 1 conditions compliant safety glasses or face shield and cut-resistant gloves when cutting or trimming platics Weath NZS 1 conditions compliant safety glasses or face shield and cut-resistant gloves when cutting or trimming platics. Weath NZS 1 conditions compliant safety glasses or face shield and cut-resistant gloves when cutting or trimming platics. Weath NZS 1 conditions compliant safety glasses or face shield and cut-resistant gloves when cutting or trimming platics.	
Assembly of acrylic components	Solvent fume inhalation Skin contact with adhesives Bonding in confined spaces Static electricity build-up Incorrect clamping pressure	ЗН		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
Gluing polycarbonate panels	Adhesive vapour inhalation Skin and eye irritation Incompatible adhesive reaction Fire from flammable solvents Manual handling of large panels	3H		2M
Heat bending polycarbonate	Burns from heating ele Hot surface contact Fume generation from overheating Fire from nearby combustibles Electric shock from heaters	ЗН		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
Thermoforming and vacuum forming	Crush points on closing platens High temperature mould surfaces Vacuum pressure implosion Noise from vacuum pumps Exposure to plastic fumes	4A		2M
Plastic extrusion and extruder operation	Entanglement in rotating screws High pressure melt release Burns from barrel heaters Fume exposure from molten plastic Noise from extruder drives	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
Extrusion hauloff and on-line saw	In-running nip points on hauloff Entanglement in belts and rollers Contact with moving saw blade Flying swarf and offcuts Noise from cutting operations	4A		2M
Extrusion belling table operations	Pinch points on belling equipment Burns from heated belling tools Crush injury from moving pipe Steam or hot air release Slips from coolant or condensate	ЗН		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
Pressure forming operations	 High pressure air release Crush zones around platens Hot plastic sheet contact Noise from compressors Stored energy in air receivers 	4A		2M
Rotational moulding and roto mould	High temperature overs Rotating frames and arms Falls from access platfor. Inhalation of plastic fumes Fire from powder or gas leaks	4A		2M
Thermoforming machine maintenance	Unexpected machine start-up	3H		1L



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE • Exposure to cleaning solvents • Falls from elevated access • Hot surface contact during cooldown	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
General housekeeping	Trips from offcuts Ses Fire from plastic waste			
and emergency response	Exposure to spills and a Delayed emergency evacuation Inadequate first aid response	3H		1L



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 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/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 2025

Legislation NSW: https://www.safework.nsw.gov.au/legal-obligations/legislations/

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

Codes of Practice NT: https://worksafe.nt.gov.au/f

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/wor/ 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

Or pational Health a. Safety Act J4

Occational Health and afety gulations 2017

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

gulat

tes of 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	Signature	Date

SAFE WORK N. THE STATEMENT MONITORING AND REVIEW

The SWMS must be reviewed regularly to make sure it remains fective of must be reviewed (and revised if necessary) if relevant control measures are rovised. The view respectively should be carried out in consultation with workers (including contractors and other substitutions) and their health and safety representatives who represented that work group at the workplace.

When the SWMS has been revised the PCBU must ensure that 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 rest of the review are advised of the changes in a way that will enable them to implement their duties and 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:

- 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							

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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.		
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.	k	
Adequate risk assessment of any identified hazards has been completed.	\boxtimes	
Foreseeable hazards are identified and documented for each step.	\boxtimes	
Any hazards listed in any site risk assessments have been added to the SWMS		
SWMS initial risk (IR) column as well as residual risk (RR) colum mpleted.	\boxtimes	
Check control measures added to the SWMS are the most effective selections.	\boxtimes	
Responsible person is assigned and listed on the part of the important of	\boxtimes	
Permit or licenses requirements specified, sur as Hot Work, Electric Work, Work at Heights etc.	\boxtimes	
SWMS identifies plant and equipment to be use	\boxtimes	
Details of inspection checks required for any equipment listed an onthe SWMS.	\boxtimes	
Describes any mandatory qualifications, experience, use or skills required to perform the work.	\boxtimes	
Applicable personal protective equipment is selected on the SWMS.		
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 REV	/IEWED
SIGNATURE	DATE COM	PLETED