

# Work Method Statement \ Safe Work Method Statement

Logo





**CRITICAL NOTE – This document only becomes a Safe Work Method Statement where the 'High Risk Construction Work' section of this document is completed**

Company:	ABN:	Contact Person:	Ph:
Project/Site:	Site Address:		
Principal Contractor:	WMS \ SWMS No.:		
Job Task:	ROOF METAL INSTALLATION		
Date Created:	Revision Number:	Review Date:	

Relevant Australian Standards / Codes of Practice / Legislation:	
Safety Data Sheets Required:	
Plant & Equipment Required:	
Licenses / Competencies Required:	
Project Specific Permit Requirements:	<i>Do you require a permit from the Principal Contractor?</i>
Work at Height Permit: <input type="checkbox"/> Yes	Hot Work Permit: <input type="checkbox"/> Yes
Confined Space Permit: <input type="checkbox"/> Yes	Excavation/Penetration Permit: <input type="checkbox"/> Yes

<b>High Risk Construction Work</b>	<input type="checkbox"/> Risk of a person falling more than 3 metres ( <i>note: in some jurisdictions this is 2 metres</i> )	<input type="checkbox"/> Work on a telecommunication tower	<input type="checkbox"/> Demolition of load-bearing structure
	<input type="checkbox"/> Likely to involve disturbing asbestos	<input type="checkbox"/> Temporary load-bearing support for structural alterations or repairs	<input type="checkbox"/> Work in or near a confined space
	<input type="checkbox"/> Work in or near a shaft or trench deeper than 1.5 m or a tunnel	<input type="checkbox"/> Use of explosives	<input type="checkbox"/> Work on or near pressurised gas mains or piping
	<input type="checkbox"/> Work on or near chemical, fuel or refrigerant lines	<input type="checkbox"/> Work on or near energised electrical installations or services	<input type="checkbox"/> Work in an area that may have a contaminated or flammable atmosphere
	<input type="checkbox"/> Tilt-up or precast concrete elements	<input type="checkbox"/> Work on, in or adjacent to a road, railway, shipping lane or other traffic corridor in use by traffic other than pedestrians	<input type="checkbox"/> Work in an area with movement of powered mobile plant
	<input type="checkbox"/> Work in areas with artificial extremes of temperature	<input type="checkbox"/> Work in or near water or other liquid that involves risk of drowning	<input type="checkbox"/> Diving Work

**PPE Required:**

	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
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<b>Task/Location Specific Risks:</b>	<input type="checkbox"/> Access & Egress	<input type="checkbox"/> Ground Conditions	<input type="checkbox"/> Noise	<input type="checkbox"/> Water Pollution	<input type="checkbox"/> Weather
	<input type="checkbox"/> Overhead Obstructions	<input type="checkbox"/> Compressed Air	<input type="checkbox"/> Cultural / Heritage Area	<input type="checkbox"/> Soil Pollution	<input type="checkbox"/> Obstacles / Buildings
	<input type="checkbox"/> Underground Services	<input type="checkbox"/> Quick Cut Saw	<input type="checkbox"/> Snakes / Vermin	<input type="checkbox"/> Rotating Machinery	<input type="checkbox"/> Other (refer to hazard prompt list)
	<input type="checkbox"/> Pedestrians / Workers	<input type="checkbox"/> Angle Grinder	<input type="checkbox"/> Dust	<input type="checkbox"/> Fatigue	<input type="checkbox"/>
	<input type="checkbox"/> Unauthorised Persons	<input type="checkbox"/> Hot Work / Burns	<input type="checkbox"/> Significant Trees	<input type="checkbox"/> Exposure to UV	<input type="checkbox"/>
	<input type="checkbox"/> Poor Lighting	<input type="checkbox"/> Flora & Fauna	<input type="checkbox"/> Ignitions Sources	<input type="checkbox"/>	

**Workers Consulted and Involved in the Development of this WMS \ SWMS**

<b>Print Name:</b>	<b>Signature:</b>	<b>Print Name:</b>	<b>Signature:</b>

**Step 1**

Consequences	
5 – Severe	Potential to be fatal. Permanent disability. Destruction of property or plant.
4 – Major	Serious injury. Long term disability. Major damage to plant, property or environment.
3 – Moderate	Potential for injury resulting in medical attention. Damage to plant, property or environment.
2 – Minor	Injury requiring First Aid treatment and / or short term discomfort.
1 – Negligible	Cause a near miss, needs to be reported

**Step 2**

Potential	
A – Almost Certain	This event is expected to occur in most circumstances
B – Likely	The event will probably occur in most circumstances
C – Possible	The event might occur at some time
D – Unlikely	The event could occur at some time
E - Rare	The event may occur only in exceptional circumstances

**Step 3**

Potential	Consequences				
	1 – Negligible	2 – Minor	3 – Moderate	4 – Major	5 – Severe
A - Almost Certain	M (9)	S (15)	S (19)	H (24)	H (25)
B - Likely	L (7)	M (11)	S (18)	S (21)	H (23)
C - Possible	L (5)	L (6)	M (13)	S (17)	H (22)
D -Unlikely	L (3)	L (4)	M (10)	M (14)	S (20)
E - Rare	VL (1)	L (2)	M (8)	M (12)	S (16)

**Legend**

Risk Rating	
High	Re-plan and/or re-design activity. If this is not possible, complete a separate Hazard Assessment prior to completing the SWMS
Significant	Activity Must be reviewed by a Senior Management representative and have identified risk controls built into the SWMS
Medium	Some action may be required, management to determine and document requirements within SWMS and monitor
Low	Minimal risk, monitor where work changes
Very Low	Minimal risk, monitor where work changes

Hierarchy of Controls (HoC)*					
Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Elimination	Substitution	Isolation	Engineering	Administration	PPE

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Job Step	Potential Hazard	Risk Rating	Control	HoC Applied from 1-6	Residual Risk	Person Responsible to Implement Controls
Break the job into steps	What can cause harm at each step High risk work is to be kept to its own cell	S (17)	Describe the control measures and how they will be used	5	M (8)	EXAMPLE
Preparation	Slips, trips, falls Punctures		Ensure access & egress of site is clear Work area to be kept clear of trip hazards at all times Mark any protrusions			[insert responsible person]
Unload & Store materials	Manual handling		Only workers trained in correct manual handling techniques to complete task			[insert responsible person]
Identification of live services	Electrocution		Obtain certification from site supervisor & provider that all live services are isolated & tagged out before commencement of tasks and visually checked by site supervisor			[insert responsible person]
Access & egress to roof	Fall from height		Edge protection to be in place before commencement Ensure suitable fall restraints in place before commencing work Only workers trained in working at heights to complete task Safety footwear designed for use on a roof to be worn PPE- gloves to be used			[insert responsible person]
	Manual handling		Only workers trained in correct manual handling techniques to complete task			[insert responsible person]
	UV rays Heat stress		PPE-hi visibility long clothing to be worn at all times, UV cream to be worn whilst on site working and reapplied every two hours Broad brimmed hats to be worn Shaded rest areas and cool potable water to be provided			[insert responsible person]
Lifting of roofing sheets into place on roof	Fall from heights		Edge protection to be in place before commencement Ensure suitable fall restraints in place before commencing work Only workers trained in working at heights to complete task Safety footwear designed for use on a			[insert responsible person]

			roof to be worn			
Lifting of roofing sheets into place on roof cont.	UV rays Heat stress Wind lift		PPE-hi visibility long clothing to be worn at all times, UV cream to be worn whilst on site working and reapplied every two hours Broad brimmed hats to be worn Shaded rest areas and cool potable water to be provided Stop work when wind lift is too great to allow safe work			[insert responsible person]
	Cuts, lacerations, punctures Manual handling		Appropriate PPE to be worn at all times Only workers trained in correct manual handling techniques to complete task			[insert responsible person]
Roof penetrations	Fall from height		Edge protection to be in place before commencement Ensure suitable fall restraints in place before commencing work Only workers trained in working at heights to complete task Safety footwear designed for use on a roof to be worn			[insert responsible person]
	UV rays Heat stress		PPE-hi visibility long clothing to be worn at all times, UV cream to be worn whilst on site working and reapplied every two hours Broad brimmed hats to be worn Shaded rest areas and cool potable water to be provided			[insert responsible person]
	Fumes and burning roof material Hazardous substance		PPE - goggles or full face mask to be worn when cutting roof material Obtain an MSDS from the manufacturer, supplier or site supervisor before working with chemicals and follow all outlined safety recommendations			[insert responsible person]
	Cuts, lacerations, punctures Foreign body in eye Manual handling		Appropriate PPE to be worn at all times e.g. Gloves, glasses/goggles Correct cutting blades and correct use of blades as per roof material manufacturer's safety recommendations Only workers trained in correct manual handling techniques to complete task			[insert responsible person]

Pipe work & flashing	Fall from height Struck by falling objects		Edge protection to be in place before commencement Ensure suitable fall restraints in place before commencing work Only workers trained in working at heights to complete task Safety footwear designed for use on a roof to be worn Exclusion zone to be set up below working area			[insert responsible person]
	UV rays Heat stress		PPE-hi visibility long clothing to be worn at all times, UV cream to be worn whilst on site working and reapplied every two hours Broad brimmed hats to be worn Shaded rest areas and cool potable water to be provided			[insert responsible person]
	Fumes and burning roof material Hazardous substance		PPE - goggles or full face mask to be worn when cutting roof material Obtain an MSDS from the manufacturer, supplier or site supervisor before working with chemicals and follow all outlined safety recommendations			[insert responsible person]
	Cuts, lacerations, punctures Foreign body in eye Manual handling		Appropriate PPE to be worn at all times e.g. glasses / goggles, gloves Correct cutting blades and correct use of blades as per roof material manufacturer's safety recommendations Only workers trained in correct manual handling techniques to complete task			[insert responsible person]
Clean up of site	Manual handling Ergonomics Cuts, lacerations, punctures Foreign body in eye		Only workers trained in correct manual handling techniques to complete task Regular breaks scheduled for postural changes All appropriate PPE to be worn at all times			[insert responsible person]
(continue to modify \ insert information)						

Rescue / Retrieval Planning:			
Are the following hazards identified?	Select		Action:
Work over Water	Yes <input type="checkbox"/>	No <input type="checkbox"/>	<p><b>If YES, a Retrieval / Rescue Plan(s) must be developed. This can be included as an attachment or included as a Job Step within the WMS \ SWMS and the method to be used communicated to the workers involved.</b></p> <p><b>If No, No additional retrieval / rescue planning documentation are required.</b></p>
Work at Height	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Restricted Access	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Confined Space Entry	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Elevated Work on structures (e.g. Enclosed scaffolds and roof work)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

Emergency Resources / Contact Details			
Nearest Muster Point:		Nearest Fire Extinguishers:	
Nearest Spill Kit:		Nearest First Aid Kit:	
Contact Person:		Phone No:	Radio Channel No:

Management / Worker Review					
Review No:	1	2	3	4	5
Name:					
Position:					
Date:					
Comments / Actions:					

<p><b>Have you considered the site specific hazards?</b></p> <ul style="list-style-type: none"> <li>- lay of the land</li> <li>- obstacles (buildings, workers, excavations, plant)</li> <li>- changes to site conditions</li> <li>- other contractors' work in progress</li> <li>- weather conditions (wind, rain, heat, cold etc)</li> </ul>	<p><b>Have you considered job specific details?</b></p> <ul style="list-style-type: none"> <li>- different material</li> <li>- different chemicals</li> <li>- different equipment</li> </ul> <p><b>Any other factor that may make affect the risks associated with performing this task?</b></p>	<p><b>IN PREPARING A WORK METHOD STATEMENT \ SAFE WORK METHOD STATEMENT YOU MUST:</b></p> <ol style="list-style-type: none"> <li>1. Break the activity into basic steps</li> <li>2. Consider any site specific potential hazards</li> <li>3. Using the risk matrix, assess the risk of the identified hazard and rate accordingly</li> <li>4. List the controls to be implemented to reduce the likelihood of the risk causing an unwanted event</li> </ol>	<ol style="list-style-type: none"> <li>5. Apply HoC – For each control in the WMS \ SWMS</li> </ol> <p><b>Note:</b> HoC levels 1-5 must be considered before level 6 for all Work at Height activities.</p> <ol style="list-style-type: none"> <li>6. Review the residual risk to ensure controls are adequate to safely perform the work.</li> <li>7. Assign a person(s) responsible to ensure that the assigned controls are implemented.</li> </ol>
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