

Safe Work Method Statement

Job Task Summary:

Demolition and debris removal

Note: Any work that is connected with the demolition of a structure is classified as 'construction work' under the WHS Regulations. When carrying out demolition work, the requirements relating to construction work must be complied with. Demolition work means to demolish or dismantle a structure or part of a structure **that is load-bearing** or otherwise related to the physical integrity of the structure.

Can this involve High Risk Construction Work?

Where there is a risk of a person falling more than two metres?	Yes
At workplaces where there is any movement of powered mobile plant?	Yes
Involving demolition of an element of a structure that is load-bearing	No

Excludes: Any proposed demolition of elements of a structure which are load bearing.

Applicable to the following worker type: employee, contractor, volunteer, landowner/tenant

SWMS completed by; Tony Griffiths. **Review and updated by Marcus Punch August 2021.** Read in conjunction with related SWMS: Powered mobile plant| Working at heights| Manual Handling| Site contaminants| Driving and vehicle safety

Site: All sites

Date: **31st August 2021**

PPC (Mandatory): DRA field clothing including DRA long sleeve shirt. non-synthetic trousers, safety boots or safety gumboots (AS 2210.1.2010 Operational Protective Footwear), non-synthetic layers or outer clothing for warmth (if required).

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Note: In environments where there is significant potential for dust or water borne contaminants or where decontamination will be difficult, gumboots are to be worn in preference to safety boots. This should be identified during the damage assessment or Safety 5.

PPE (Mandatory): Medium impact safety glasses (AS/NZS 1337.1:2010),

PPE (Subject to relevant SWMS/Safety 5) Respiratory Protective Equipment [RPE] (AS/NZS 1716:2012) AS/NZS 1715:2009 Selection, Use and Maintenance of Respiratory Protective Devices. Helmet (AS/NZ 1801:1998 Occupational Protective Helmets), hearing protection (AS/NZS 1270:2002: Acoustics – Hearing protectors), Safety shirt/vest (AS/NZS 4602.1:2011 Class D for daytime use)

DRA Policies

1. DRA acknowledges its responsibilities under WHS legislation.
2. DRA will not undertake demolition work within the meaning of the model WHS regulations. DRA will however, conduct works required to remediate or clean up premises which have been impacted by disasters. This may include demolition of elements of the structure which are **non-load bearing**. The decision about whether an element/s is **non-load bearing** should be made by a competent person.

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R1 Risk without controls

R2 Risk with controls

Procedural step(s)	Possible hazard(s)	R1	Safety control(s)	Person responsible	R2
Site risk assessment/ Safety 5	Falls from height Falling objects including tools Contact with electrical services Disturbing site contaminants and dangerous goods		Apply relevant safety controls from related SWMS Seek information from relevant State/Local authority re structural integrity Conduct a site risk assessment/Safety 5 DA Team leader to confirm viability of the task and ability to comply with this SWMS Confirm requirements for plant or other equipment Confirm requirements for safety of landowner/tenant during works	IMT/ DA Teams/ STL/ workers	
Conduct minor demolition tasks	Falls from height Falling objects including tools Contact with electrical services Disturbing site contaminants and dangerous goods Interaction with mobile plant Injury to plant operator or equipment		Note: Mechanical demolition and debris removal is preferred when practicable. Note that other hazards may be present as detailed in the SWMS - Powered mobile plant Apply relevant safety controls from related SWMS Ensure progressive removal of debris to a site storage location Secure the work area with an exclusion zone Establish traffic management arrangements In accordance with the SWMS - Powered mobile plant NB The requirements for a suitable combination of operator protective devices. All plant attachments need to be pinned and secured according to manufacturer's requirements.	STL/ Safety Officer/ team members	

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			<p>The plant fittings used in demolition need to be designed and fit for purpose. To avoid damaging the equipment itself and to prevent the risk of plant overturning, equipment should not be overloaded.</p> <p>When plant is used to demolish vertical features such as columns or walls, the columns or walls should not be so high as to create a risk of debris falling onto the plant or operator.</p>		
	Injuries to owner/tenant		Ensure thorough briefing and supervision and exclusion of owner/tenant		
Remove and stockpile debris	<p>Slips, trips and falls</p> <p>Manual handling injuries</p> <p>Cuts and abrasions</p> <p>Interaction with mobile plant</p>		<p>Actions in accordance with relevant SWMS - Manual Handling</p> <p>Ensure compliance with PPE requirements</p> <p>Utilise mobile plant when appropriate</p> <p>Secure the work area with an exclusion zone</p> <p>Establish traffic management arrangements</p>	STL/ Safety Officer/ spotter/ team members	
Search and sift for valuables	<p>Slips, trips and falls</p> <p>Manual handling injuries</p> <p>Cuts and abrasions</p> <p>Ingestion of site contaminants</p> <p>Injuries to owner/tenant</p>		<p>Actions in accordance with relevant SWMS - Manual Handling</p> <p>Ensure compliance with PPE requirements</p> <p>Actions in accordance with relevant SWMS - Site contaminants</p> <p>Ensure thorough briefing and supervision of owner/tenant</p> <p>Issue appropriate PPE</p>	STL/ Safety Officer/ team members	
Clean the site	<p>Ingestion of site contaminants</p> <p>Exposure (contact, ingestion, inhalation) to cleaning / disinfecting chemicals</p>		<p>Actions in accordance with relevant SWMS - Site contaminants</p> <p>Obtain and familiarise workers with Material Safety Data Sheets (MSDS) and/or other relevant safety instructions for the substances or products to be used (eg. bleach (sodium hypochlorite), vinegar (ethanoic acid), detergents, disinfectant.</p> <p>Check whether any workers have known sensitivities to the substances or products being used or pre-existing conditions (eg. respiratory conditions, asthma, etc...) that might be exacerbated by exposure, and remove them any the location where they could be exposed.</p>	STL/ Safety Officer/ team members	

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			<p>Implement the safeguards advised for each substance. eg. bleach: dilution, wear safety glasses, mask and gloves, ensure adequate ventilation, minimise exposure by taking regular breaks, labelling of containers / spray packs etc..., do not store, transport use in close proximity to, or allow it to mix with: acids (eg. vinegar), strong or undiluted detergents, organic compounds (eg. fuel, oil, acetone, solvents, etc...), alcohol (eg. hand sanitiser), vehicle exhausts.</p>		
Load debris into trucks	<p>Slips, trips and falls Manual handling injuries Cuts and abrasions</p> <p>Interaction with mobile plant and vehicles</p>		<p>Actions in accordance with relevant SWMS - Manual Handling Ensure compliance with PPE requirements Utilise mobile plant when appropriate</p> <p>Secure the work area with an exclusion zone Establish traffic management arrangements</p>	<p>STL/ Safety Officer/ spotter/ team members</p>	

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OTHER JOB REQUIREMENTS			
List staff skills/competencies and licences required for safe job performance:			
<input checked="" type="checkbox"/>	DRA accreditation in use of powered mobile plant and chainsaws		
<input checked="" type="checkbox"/>	On site training or verification of competency in hand tools		
List items of plant/equipment/tools required:			
<input type="checkbox"/>			
Relevant codes of practice, legislation standards or critical risk controls that may be applicable:			
<input checked="" type="checkbox"/>	Relevant codes of practice, legislation standards or critical risk controls that may be applicable: as adopted by State and Territory jurisdictions (less WA and Vic) ¹		
<input checked="" type="checkbox"/>	Safework Australia - Model Code of Practice - Demolition Work 2012		
<input checked="" type="checkbox"/>	Safework Victoria - Compliance code: Demolition Edition 2 2019		
<input checked="" type="checkbox"/>	Safework WA - compliance with Australian Standard AS2601: The demolition of structures (AS 2601)		
Maintenance checks, site/workplace inspections required:			
<input checked="" type="checkbox"/>	Pre-start checks on powered mobile plant, vehicles and powered hand tools		
<input checked="" type="checkbox"/>	Maintenance of equipment logbooks		
Additional approvals, certificates, WorkCover approvals/permits required e.g. confined spaces, working at heights, hot works etc: N/A <input checked="" type="checkbox"/>			
Has a risk assessment been completed for any work involving confined spaces, electrical work or diving work			
	Yes	No	N/A <input checked="" type="checkbox"/>

¹ A court may rely on the codes as evidence of whether you took reasonably practicable steps to ensure the health and safety of your workers. In Victoria, the codes (known as compliance codes) are legally binding. You should follow the codes at all times



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Approvals

This SWMS is approved by DRA National Director of Field Operations

Name	Signature	Date

Site SWMS Approval (Strike Team Leader/ Supervisor i.e. person responsible for ensuring compliance with SWMS)

I have read and understand this SWMS. I have completed a site risk assessment with team members and will ensure compliance with the SWMS.

Name:	Signature:	Date:
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Operator/team confirmation

I have read and understand this Safe Work Method Statement. I have no medical conditions that may affect my ability to operate the vehicle.

NAME	SIGNATURE	DATE

Safety Officer confirmation (or Operations Chief in lieu)

I confirm that the safety controls detailed above are in place or will be acted upon. I can confirm that proposed tasks are within the scope of operations and that plant operators (if applicable) are duly authorised by the National Training Manager.

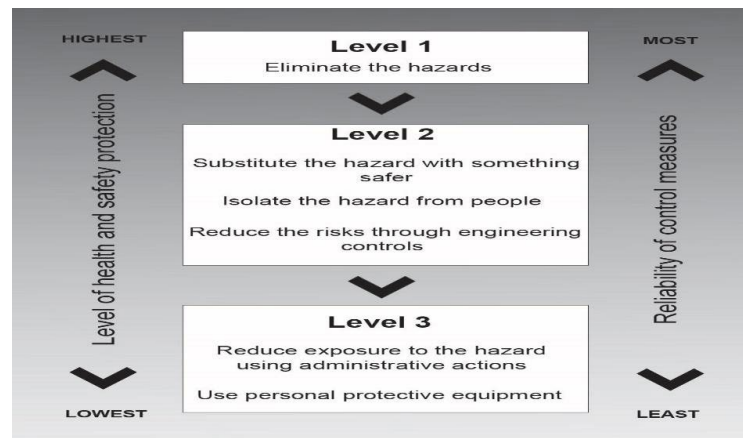
NAME	SIGNATURE	DATE

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WHS RISK MATRIX

	Minor	Moderate	Substantial	Major	Catastrophic
Almost Certain	Medium	High	High	Extreme	Extreme
Likely	Medium	Medium	High	Extreme	Extreme
Possible	Low	Medium	High	High	Extreme
Unlikely	Low	Low	Medium	High	High
Very Unlikely	Low	Low	Medium	Medium	High

HIERARCHY OF CONTROLS



Acknowledgements:

NSW Government – Department of Industry
 NSW Government – Department of Primary Industries
 Health and Safety Handbook - Portner Press