

Manildra Group Safety Form - Workbox Permit



Australian Standard AS2550 states that the use of mobile cranes to lift personnel shall be limited to those situations where it is necessary to lift persons for a short duration and where it is not practicable to use scaffold or specially designed personnel lifting devices.

A Working at Heights Rescue Plan (WHRP) must accompany this Permit

Section 1 – Lift and Workbox Specifications (Permit Recipient to complete)

Site name:		Location on site:	
Purpose of the lift:			
ATW Number:		WHRP Number:	
Crane Manufacturer:		Crane Model:	
Lift Date:		Start time:	AM / PM
		Finish time:	AM / PM

Section 2 – Workbox checklist (Permit Recipient to complete)

A crane used with a workbox shall –

Be fitted with a safety hook or moused accessory	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Be equipped with controls that return to the neutral position when released and this action causes the motion to stop	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Be equipped with power lowering	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Be equipped with a positive free fall lockout control so that inadvertent disengagement of the lockout is prevented	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Be fitted with an upper limit motion limiting device	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Be such that at the maximum radius of the task to be performed, the crane has a minimum rated capacity of 1000kg	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Be such that, when the jib boom of the crane is at its maximum radius for the task to be performed, the rated capacity for the crane in this condition, when divided by 2, is equal to or greater than the total load of the workbox and its contents	Y <input type="checkbox"/> N/A <input type="checkbox"/>

OPERATION OF THE CRANE WITH SUSPENDED PERSONNEL

When personnel are suspended from a crane, the following requirements apply:

The rated capacity of the workbox shall not be exceeded	Y <input type="checkbox"/> N/A <input type="checkbox"/>
The workbox and lifting attachments and records shall be inspected by a competent person, prior to use. Note: all D shackles securing the workbox are to be moused.	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Personnel and materials shall be securely confirmed with the workbox	Y <input type="checkbox"/> N/A <input type="checkbox"/>
The workbox shall only be used to lift personnel and materials necessary to carry out the work	Y <input type="checkbox"/> N/A <input type="checkbox"/>
The crane shall not be used to simultaneously raise, lower or suspend any other load	Y <input type="checkbox"/> N/A <input type="checkbox"/>
An appropriate work procedure shall be developed and implemented to transfer any work materials from the workbox	Y <input type="checkbox"/> N/A <input type="checkbox"/>
The crane operator shall remain at the controls of the crane	Y <input type="checkbox"/> N/A <input type="checkbox"/>
All movements of the crane shall be carried out under power and free fall lockout shall have been applied	Y <input type="checkbox"/> N/A <input type="checkbox"/>

Effective means of communications between any person in the workbox and the operator shall be established	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Mobile cranes shall not travel while people are in the workbox	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Movements of the workbox shall be at slow speeds with minimum acceleration and deceleration	Y <input type="checkbox"/> N/A <input type="checkbox"/>
The workbox shall not be secured to any structure except at designated landing(s). NOTE: Workboxes should not be used in winds in excess of 7 m/s (25 km/h), electrical storms, snow, ice, sleet or other adverse weather conditions that could affect the safety of personnel	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Flammable liquids, oxygen, and acetylene cylinders, and similar flammable liquids, shall be correctly secured and housed in a separate component from the personnel. No more than the minimum quantities, sufficient to carry out the work, shall be carried out. Where flammable liquids are carried, a suitable fire extinguisher shall also be carried	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Personnel suspended from a crane via a workbox shall wear a fall-arrest harness, complying with AS/NZS 1891, with the lanyard attached to a fall-arrest anchorage point	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Personnel shall not enter or leave the workbox when elevated (except in an emergency), unless each of the following conditions are met: <ul style="list-style-type: none"> A risk assessment has been completed that identifies that access and egress from the workbox in this manner is safe, and that this means of access is safer than all other alternative means The structural adequacy of the landing area has been established and the landing area is clear Where the landing is at the edge of a structure, the maximum gap between the workbox and landing does not exceed 100mm, the workbox is secured to a suitable point on the landing and access and egress does not take place unless a fall-arrest harness is properly worn and attached to a suitable anchorage on the structure. Dual lanyards are required in this scenario. 	Y <input type="checkbox"/> N/A <input type="checkbox"/>
JSEA or SWMS must be sighted prior to authorisation of this permit	Y <input type="checkbox"/> N/A <input type="checkbox"/>
Comments:	

COMMUNICATION

It is vital that the crane driver and those persons assisting with the operation of the crane be fully aware of the standard code signals. These signals may be conveyed by visual or audible means, but most important, when they are conveyed, they are clearly understood. When working with a dogman for the first time, discuss your communication before you attempt to operate the crane. This will ensure all are tuned to the same signals.

A WORD OF CAUTION:

Always use the standard code of signals and remember – if any person indicates a signal to stop, then stop immediately even if they are not part of the work group. This is because they may have seen an unsafe condition not seen by the your dogman.

Section 4 – Verification of risk controls (Permit Recipient to complete)

I confirm that actions and risk controls required in Section 2 have been implemented for the work to be undertaken as described in Section 1.

Recipient name:		Signature:	
Date:		Time:	

Section 5 – Authorisation

(Engineering Manager and/or Work Health and Safety Manager or their delegates to complete)

I/We authorise the work to proceed in accordance with the requirements of this permit.

Work Health and Safety Manager - Name:		Signature:	
Engineering Manager - Name:		Signature:	
Issue Date		Time	
Valid Until Date		Time	

Section 6 – Completion of work (Permit Recipient to complete)

I confirm that the work detailed in this permit has been completed in accordance with the requirements of this permit and that all waste, plant, tools and equipment have been removed from the work area and that the work area has been left in a safe condition.

Recipient name		Signature	
Date		Time	