

SECTION 1 – Specification of Lift	
Location of Lift	
Purpose of Lift	
Man Cage Identification Mark	
Crane Manufacturer	
Crane Model	
Crane Stamping Number	
Person Requesting Approval	
Approval Valid - Date	
Time Zone	to
SECTION 2 – Job Instructions	
Date Issued:	_____
Authorised by:	_____
	Terminal Supervisor or Manager
Crane Operator:	_____
Countersigned:	_____
	Supervisor
	File Copy
	Crane Operators Copy
	Man Cage Operators Copy

SECTION TWO

LIFTING PERSONS USING CRANE

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.

REQUIREMENTS FOR THE CRANE USED WITH A WORKBOX

Please Tick

A crane used with a workbox shall –

- a) Be fitted with a safety hook or moused accessory
- b) Be equipped with controls that return to the neutral position when released and this action causes the motion to stop;
- c) Be equipped with power lowering
- d) Be equipped with a positive free fall lockout control so that inadvertent disengagement of the lockout;
- e) Be fitted with an upper limit motion limiting device;
- f) Be fitted with a down-limit motion limiting device, if the workbox is to be lowered below the crane supporting surface;
- g) Be such that at the maximum radius of the task to be performed, the crane has a minimum rated capacity of 1000kg; and
- h) 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

OPERATION OF THE CRANE WITH SUSPENDED PERSONNEL

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

- a) The rated capacity of the workbox shall not be exceeded
- b) The workbox and lifting attachments and records shall be inspected by a competent person, prior to use
- c) Personnel and materials shall be securely confirmed with the workbox
- d) The workbox shall only be used to lift personnel and materials necessary to carry out the work
- e) The crane shall not be used to simultaneously raise, lower or suspend any other
- f) An appropriate work procedure shall be developed and implemented to transfer any work materials from the workbox
- g) The crane operator shall remain at the controls of the crane
- h) All movements of the crane shall be carried out under power and free fall lockout shall have been applied
- i) Effective means of communications between any person in the workbox and the operator shall be established

- j) Mobile cranes shall not travel while people are in the workbox
 - k) Movements of the workbox shall be at slow speeds with minimum acceleration and declaration
 - l) 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
- m) 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
 - n) Personnel suspended from a crane shall wear a fall-arrest harness, complying with AS/NZS 189.1, with the lanyard attached to a fall-arrest anchorage point
 - o) Personnel shall not enter or leave the workbox when elevated (except in an emergency), unless each of the following conditions are met:
 - i. 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
 - ii. The structural adequacy of the landing area has been established and the landing area is clear
 - iii. 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
 - p) JHA or risk assessment must be sighted prior to authorisation of this permit

NOTE: Requirements of regulatory authorities must be complied with.

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.

EMERGENCY PROCEDURE

In the event of a power failure:

The second crane and workbox is available from

PHONE _____

CONTACT _____