

When to use

Important: Attach to completed JSA

For lifting / hoisting of heavy equipment / materials and Critical Lifts:

- Using lifting devices: mobile crane, truck mounted crane
- · Using straps or chains to lift with excavator, backhoe, skid steer or forklift

Only 1 checklist is required per day for repeat lifts of similar loads

Site location:				Date:			
Lifting contractor:				License expiry:			
Description of work:							
Load weight (max load weight and radius for group of lifts:		Lift radius:	Crane's r at lift radi			ated capacity us:	
Name of critical lift plan approver:		Forecasted local wind speed:			ed:		
What could go wrong?							
72 hours BEFORE work begin	ns I Determin	e if this is a Crit	ical Li	ft			
	<u> </u>						
_	Ise the Critical Lifting Critical Checklist if any of the following apply: Voltage						
	(v)						(v)
3. Swing arc of boom does not meet minimum clearance for high voltage					_	750-150k 50k-250k	
lines or conductors (refer to chart)					_	250k-250k	
	4. Lift weight is greater than 5 tonnes (5,000 kg)				-	>500k	
5. Lift requires an engineer	ing study with	specifications & c	irawing	s per	•		establish OH&S
local regulations				ow	power lines, emp vner of the elect vwork within 7 m		
☐ 6. Lift requires two cranes						ally	Work Widnin 7 II
If any of the above apply, create a Critical Lift Plan to include the following:							
Done ☑				J			
7. Elevation view drawing							
☐ 8. Boom length m a	and lifting radiu	s m					
9. Maximum load during lift	_						
10. Minimum boom clearance	• .		· lines)		m		\geq
☐ 11. Plan view layout of lift zo	•		, .				
12. Initial/final lifting position							/
13. Location of the crane(s),		swing limits, nearl	oy struc	cture			/
	14. Lift analysis including calculation of crane capacity at lift radius %						4 -
☐ 15. Abort plan for emergenc		• •				ınd	'00"UU
	· ·	-			-		4

Voltage (v)	Minimum Clearance in all directions (m)
750-150k	4.0
150k-250k	5.0
>250k-500k	6.0
>500k	7.0

To establish OH&S safe limits of approach to power lines, employers must consult the owner of the electrical utility system prior to any work within 7 m of an overhead power line





BEFORE work begins | Complete all steps on page 2

in a safe manner



STOP if not clear how to do the work Equipment Lifting | Critical Checklist



BEFORE work begins | Complete all steps

Done ☑								
1. Operator is trained lifting device	, competent, with valid	d license, in safe operation of crane or						
:	space for lift layout an nfiguration and any ha	nd swing radius, considering the load, azards						
3. Crane(s) located at sideways obstruction		- 						
	e established and cle rricaded, traffic contro	arly marked, lift area and swing radius ols are in place						
fully extended and	blocked, and position	able base or foundation, outriggers ed an appropriate distance from open card (sewers, utilities)						
appropriate for the	6. Lift equipment / apparatus (slings/ straps/ hooks/ jibs etc.) / all riggings appropriate for the lift, in good condition, meet manufacturer's specifications, with valid certification(s) and do not exceed rated capacity							
		le, wrapped and tied; lifting apparatus sed are fit for purpose	- 40=					
of the crane, load,	8. Review minimum required clearance between live electrical lines and any part of the crane, load, or load line. If voltage of electrical lines cannot be confirmed, swing radius of boom is >6 meters from high voltage lines or conductors							
9. Equipment operator	rs have a clear view o	of the work area	A.A.					
	Dedicated signaller(s)/ spotter(s) are used and communication method with each signaller/ spotter is defined and understood							
	11. Use of proper tag line(s) / guiding rope(s) for suspended loads, taking local wind speed measurements into consideration							
	•	rgency, abort lift plan available plan d back down to the ground in a safe						
	•	load and inside buildings to keep a sons under suspended load)						
☐ 14. JSA reviewed and LMRA completed immediately prior to lift								
Name of equipment operator:		Signature:	Date:					
Name of spotter:		Signature:	Date:					