



STOP if not clear how to do the work

Lifting | Higher Risk Checklist



When to use Important: Use with applicable JLAs, Job Clearance Forms

For all lifting, hoisting, or moving of equipment or materials with a mechanical device

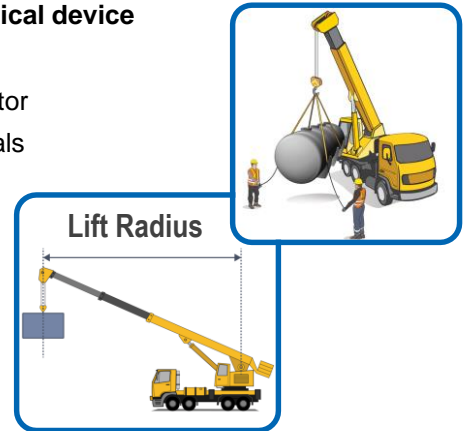
Examples:

- Equipment: truck/lorry mounted crane, fork lift, mobile crane, backhoe, excavator
- Load: tanks, sheet piles, building/canopy structures, signs, dispensers, materials

Only 1 checklist required for same day repeat lifts of similar loads from same position - dedicated and competent spotter required

Use the **Critical Lifting Higher Risk Checklist** if any of the following apply:

- Two or more cranes are required at the same time to lift
- Lift is over an occupied building
- Load is more than 18 tonnes
- Load represents more than 90% of the manufacturer's rated crane capacity



Work Order Number:	Site Location:	
Contractor:	Date	
Description of work:		
Load Weight: (max Load weight and radius for group of lifts)	Lift Radius:	Crane's rated capacity at lift radius:

What is the worst thing that could happen to me?

BEFORE work begins | Complete all steps

Done

- 1. Certified operator completes lift evaluation to confirm Swing, Drop & Buffer Areas (Red Zone), considering the load, crane capacity / configuration and any hazards (on and off property)
- 2. Work area is free from overhead and sideways obstructions
- 3. Review minimum required clearance between live electrical lines and any part of the crane, load, or load line - see table at right
- 4. Lift equipment is certified, in good condition, appropriate for the lift and meets manufacturer's specifications
- 5. Lift equipment is supported on a firm, stable base or foundation, any outriggers fully deployed
- 6. Lift apparatus (slings/straps/hooks/jibs) in good condition with suitable load rating
- 7. For each individual lift, equipment or materials to be lifted are stable, wrapped and tied, and securely attached and balanced to prevent load separation / falling
- 8. Erect proper barricades, considering swing and drop zones and buffer area
- 9. Equipment operator has a clear view of the work area
- 10. Communication method between spotter and equipment operator is defined
Radio communication is preferred
- 11. Movement of the load is controlled, preferably using tag lines / guiding ropes

Voltage kV	Clearance m
< 50	3.1
50–200	4.6
201–350	6.1
351–500	7.6
501–750	10.7
751–1000	13.7



Ensure everyone keeps a safe distance from the lifting activity

Name of equipment operator:	Signature:	Date:
Name of spotter(s):	Signature:	Date:



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