STOP if not clear how to do the work

Critical Lifting | Critical Checklist

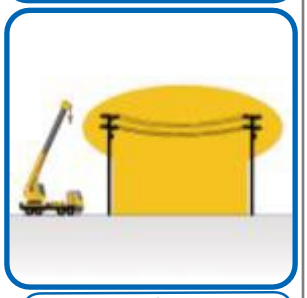
When to use	Important: Attach to completed JSA
When Heavy Equipment Lifting Critical Checklist has determined lift to be Critical **Owner's representative or designee must be informed 72 hours prior to any critical lift activity**	

Work Order Number:	Site Location:
Lifting Contractor:	Date:
Description of work:	Lift Radius:
Load Weight (max load weight and radius for group of lifts):	Crane's rated Capacity at lift radius:
Name of critical lift plan approver:	Date:
What could go wrong?:	

BEFORE work begins | Create Critical lift plan

Done ☑

☐ 1. At least 72 hours prior to actual lift, create a **Critical Lift Plan** to include the following:
- ☐ Elevation view drawing
- ☐ Boom length _____ m and lifting radius _____m
- ☐ Maximum load during lifting procedure_____ tonnes
- ☐ Minimum boom clearances (load, obstructions or power lines)_____m
- ☐ Plan view drawing(s)
- ☐ Initial/final lifting position and radius
- ☐ Location of the crane(s), including tail-swing limits, nearby structure
- ☐ Lift analysis including calculation of crane capacity at lift radius _____%
- ☐ Abort plan for emergency situations to bring the load back down to the ground in a safe manner



Voltage (v)	Minimum Clearance (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.

☐ 2. Operator is trained, competent, with valid license, in safe operation of crane

☐ 3. Crane(s) located at correct position as per Critical Lift Plan

☐ 4. Each crane supported on firm, stable base/foundation, outriggers deployed and blocked

☐ 5. Lift equipment / apparatus / all riggings is appropriate for the lift, is in good condition, meets manufacturer's specifications, with valid certification(s) and does not exceed rated capacity

☐ 6. Equipment or materials to be lifted are stable, wrapped and tied; lifting apparatus are securely fixed and balanced

☐ 7. Review minimum required clearance between live electrical lines and any part of the crane, load, or load line - see table at right:

☐ 8. Lift area and swing radius including exclusion zones are established, barricaded, and traffic controls are in place

☐ 9. Equipment operator(s) have a clear view of the work area

☐ 10. 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

☐ 12. Good access and egress in case of emergency

☐ 13. All persons including those receiving the load and inside buildings to keep a safe distance from lifting activity (no persons under suspended load)

Equip. Operator:	Signature:	Date:
Spotter:	Signature:	Date: