



## Inspection - Crane Operation Checklist

### Suspended Load\_Lift plans for Fixed or Mobile Cranes - Lift plans for Fixed or Mobile Cranes

Prompt	Establis	Improvem	N/A	Explanation	Comments
Documented Lift Plans prepared for crane lifts where damage would result in serious economic, safety or health impacts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Documented Lift Plans prepared for crane lifts where damage would result in serious economic, safety or health impacts e.g. Lifts over operating plant or critical equipment.	
Lift Plan prepared after inspection of load to be lifted for mass, characteristic of load, content, lifting points etc by required personnel ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lift plan prepared after inspection of load to be lifted by Engineers, lift supervisor, riggers or dogman and crane operator for: a) mass, including mass of lifting equipment, b) characterisation of load dimensions, c) mass centre of gravity, d) contents e) lifting points	
Lift Plan approved by the Area Manager and Engineer or competent Civil / Structural Engineer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lift Plan approved by the Area Manager and Engineer or competent Civil / Structural Engineer.	
Lifts over buildings which are occupied are not permitted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lifts over buildings which are occupied are not permitted. The building is vacated during the lift.	
Life Plan prepared following site inspection to identify collision hazards, ground conditions, services, load placement points, exclusion zone?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lift Plan prepared following site inspection by Engineers, lift supervisor, and crane operator to identify: a) collision hazards (structures, trees) in the vicinity), b) ground conditions, c) presence of overhead or underground services, d) crane location and load placement points during the lift, e) safety exclusion zone	
Life Plan prepared based on workplace conditions, weight, dimensions of load, location of load, lift height, capacity, requirement for crane?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lift plan prepared by Engineers, lift supervisor which is based on: a) Workplace conditions (slopes, ground conditions, wind speed, space to operate), b) Weight and dimensions of load, c) Location of load relative to crane, d) Lift height and lift radii for the crane, e) Lift capacity charts for the crane, f) Requirement for crane to move carrying load	

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Lift Plan prepared based on following information outlined under Explanation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lift plan prepared based on following information: a) Reactions under crane outrigger pads for lift calculated by crane supplier or Civil / Structural Engineer. b) Civil/ Structural Engineer confirms applied ground pressures do not exceed ground bearing capacities. c) Civil/ Structural Engineer confirms underground services not damaged by applied outrigger loads.	<input type="text"/>
Lift is supervised / managed by responsible professional engineer that prepared lift plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lift is supervised / managed by responsible professional engineer that prepared lift plan.	<input type="text"/>
Supervisor has arranged lift site inspection with Engineers, lift supervisor and crane operator?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor has arranged lift site inspection with Engineers, lift supervisor and crane operator.	<input type="text"/>
Supervisor has prepared Lift Plan. Ensures all required information provided and assessed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor has prepared Lift Plan. Ensures all required information provided and assessed.	<input type="text"/>
Supervisor supervise lift and monitor conditions to identify any changes that may generate a requirement to reassess the plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor supervise lift and monitor conditions to identify any changes that may generate a requirement to reassess the plan.	<input type="text"/>
Supervisor has arranged lift plan approval with Engineer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor has arranged lift plan approval with Engineer.	<input type="text"/>
Supervisor ensures Civil/ Structural Engineer confirms applied ground pressures do not exceed ground bearing capacities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor ensures Civil/ Structural Engineer confirms applied ground pressures do not exceed ground bearing capacities.	<input type="text"/>
Supervisor ensures Civil/ Structural Engineer confirms underground services are not damaged by applied loads?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor ensures Civil/ Structural Engineer confirms underground services are not damaged by applied loads.	<input type="text"/>
Supervisor confirms load working radius range within cranes capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Supervisor confirms load working radius range within cranes capacity.	<input type="text"/>
Operator/Maintainer follows the lift plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator follows the lift plan.	<input type="text"/>
Operator/Maintainer stops the lift if unplanned changes to the lifting operation have occurred?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator stops the lift if unplanned changes to the lifting operation have occurred?	<input type="text"/>

Prompt	Establis	Improvem	N/A	Explanation	Comments
Operator/Maintainer stops the lift if conditions are not safe due to problems with ground conditions, weather, personnel, procedures or equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator stops the lift if conditions are not safe due to problems with ground conditions, weather, personnel, procedures or equipment?	
Operator/Maintainer carry out critical lifts only if authorized and approved?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator carry out critical lifts only if authorized and approved.	
Operator/Maintainer check gross load does not exceed crane load chart rating at maximum required lift radii?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator check gross load does not exceed crane load chart rating at maximum required lift radii.	
Operator/Maintainer checks required boom angle does not exceed safe limits for crane?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Operator checks required boom angle does not exceed safe limits for crane?	