GC14 Lift plan

This lift plan is specific to the lifting operations described in the scope of works. It is not and should never be considered generic.

Company name		**Project title**	
Location		**Contract no.**	
Date of lifting operation			
Lift plan reference or activity			
Appointed person (lift planner) preparing this lift plan			
Date		**Signed**	
Lift supervisor			

Purpose

The purpose of this lifting plan is to identify the control measures necessary to negate the primary hazards of the:

- crane overturning
- load falling from the crane
- load or machine striking someone

or any other identified hazard.

Scope of works

Details of crane provider

Company name			
Address			
Contact name		**Telephone**	

Details of crane operator(s)

CPCS card no. and operating history	

Load details *(also refer to lift schedule at end)*

Maximum weight		**Maximum size of load**	

Other details *(centre of gravity, lifting points, packaging, pallets and so on)*

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GC14 Lift plan *continued*

Details of crane			
Capacity and type			
Height *(ground to jib head)*		**Radius**	
Main jib length		**Fly jib length**	
Total jib length			
Rated capacity (safe working load)		**Actual working load**	
Outrigger spread		**Counterbalance weight**	
Ground conditions *(CBR/Strata)*, **temporary works design in place and checked off** *(where appropriate)*			
Outrigger loadings			
Spread mat requirements			
Note: *where operating (jib) height equals or exceeds 10 m above surrounding structures at any time, the appointed person must advise and consult with the manager of any airport/airfield within 6 km of the site.*			
Airport/airfield requirements			
Lifting accessories and configuration			
Equipment details			
Type *(for example, spreader beam)*			
Rated capacity (safe working load) *(**Note:** will configuration affect rated capacity?)*			
Sketch of slinging method			

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GC14 Lift plan *continued*

Site conditions and hazards

The following non-exhaustive list should be considered during the lift plan along with any other factors that could affect any aspect of the lift

- Excavations.
- Embankments.
- Overhead and underground services or obstructions.
- Culverts.
- Drainage.
- Inspection chambers.
- Buildings, stationary objects.
- Scaffolding.
- Plant and equipment.
- Roads.
- Rivers.
- Railways.
- Personnel and public.
- Other cranes.
- Environmental considerations.
- Airports within 6 km of site.

Hazard	Control

Strength and stability

Ground conditions must be suitable and sufficient and remain so during lifting operations. Include details of the ground conditions and any additional works required to the ground, including spreader mats specification and any testing regime required (for example, CBR tests).

A temporary works design must be in place and checked off before any lifting operation or crane set-up takes place.

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GC14 Lift plan *continued*

Weather/environmental considerations
Give detail of wind speeds/environmental conditions that have been referenced/anticipated during lifting operations.

Access
Include any special travelling routes, road closures/highways notifications, access problems.

Third party considerations
For example, over-sailing, works adjacent to railways, noise and restriction of view.

Emergency/breakdown procedures

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GC14 Lift plan *continued*

Signalling
Indicate whether hand signals or radios are to be used. Also indicate signalling source and radio frequency/channel. This section can also include any unique signaller identification (that is, different colour helmet/hi-vis) if required.

Site and crane layout plan
Include crane position, lay-down/rigging area, position of delivery vehicles, landing points, signaller positions, ground and overhead hazards and exclusion zones. If required, use elevation drawings.

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GC14 Lift plan *continued*

Safe system of work – methodology
Include pre-lift, lift and post-lift.

Other relevant documentation *(list and attach)*

Lift team
The details of this lift plan, along with any other associated risk assessment, method statement or safe system of work, have been brought to the attention of, and explained to, the persons listed below, who have acknowledged that they understand the contents, hazards and associated control measures.

Name	Position	Signature	Date
	Site manager		
	Lift supervisor		
	Crane operator		
	Slinger/signaller		

This plan is specific to the lift as detailed in the scope of works.

If there are any changes to circumstances, personnel or equipment, the plan should be reviewed and revised by the appointed person (lift planner) and any changes communicated to the lift team.

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