



Project Lifting Plan

Document code:

TC-LP-00

Rev. No.

00

Page: 1/5

Date:

00-00-2025

Project			
Activity			
Contractor			
Crane Type		Location	
Permit No		Total weight	0.75 TON (Load chart shall be followed)
Objective	To ensure the safety of the personnel/ equipment/assets involved in lifting activities		
Manpower	- Deploy individuals with valid certifications (Crane operator, lifting supervisor & riggers) - A designated lifting supervisor (person in charge of PIC and banks man)		
Responsibilities	Banks man / Signaler: Co-ordinate the lifting movements and maintains radio-and/or visual communication with crane operator and persons close to the load Slinger /Rigger: Inspect the rigging, select rigging to suit the load, install the accessories and connect/disconnect the load Lifting supervisor (PIC): Co-ordinate and control all aspects of lifting operations on site. (Banks man can be the lifting supervisor if he is competent) Crane Operator: Pre-use inspection of crane and rig up of the crane; operating the crane and perform the lift in a safe manner taking the signals from the Banks man / Signaler only, unless in an emergency.		
Lifting Equipment	Lifting Appliances and lifting accessories that carries out the actual lifting function and shall have a valid third-party certification.		
- Position the crane as close as possible to the load. - Barricade the location. - Verify the load chart and ensure that the distance between load and crane are in the safe limit. - Fix the load to the crane hook using the correct method of rigging depending on the shape of the load. - Gradually lift and hold for a while to ensure the stability of load and crane. - If stable execute the lifting operation.			



Project Lifting Plan

Document code:

TC-LP-00

Rev. No.

00

Page: 2/5

Date:

00-00-2025

- Ensure that a single banks man is communicating with the operator.
- Ensure that the hook is disengaged only after the load is positioned and secured properly.

	Project Lifting Plan			
	Document code:	TC-LP-00		
	Rev. No.	00	Page: 3/5	Date: 00-00-2025

10 QUESTIONS FOR A SAFE LIFT

NO	DESCRIPTION	Yes	No
01	Is everyone aware of and do they fully understand the lifting procedures?	☒	☐
02	Has everyone attended the toolbox talk?	☒	☐
03	Has a pre-use inspection of the Lifting Equipment been carried out and are the Lifting Accessories tagged or marked with: ▪ Safe Working Load ▪ A unique identification numbers ▪ A valid certification date	☒	☐
04	Are all safety devices working?	☒	☐
05	Does everyone know the lifting supervisor of the lift?	☒	☐
06	Is everyone competent and aware of his or her tasks?	☒	☐
07	Is there a current Lift Plan and risk assessment and does everybody understand the job and precautions?	☒	☐
08	Is everyone aware of environmental limits (e.g. maximum permissible wind speed) for the lift?	☒	☐
09	Is the lift area controlled and is the lifting path clear?	☒	☐
10	Are signaling methods and communication agreed and understood?	☒	☐

- Attachment**
- Rigging Sketch/ Load Calculation of lifting plan mentioning load, radius, boom length and crane capacity.
 - Load chart
 - Risk assessment* (specific)
 - Lifting crew competence cards
 - Lifting equipment and Accessories certificates i.e. cranes and lifting gears.

***For Complex & Critical lifting operation step-by-step instruction with a specific RA, Rigging Sketch, Plan/Top View Drawings shall be attached and approved by Appointed Person**

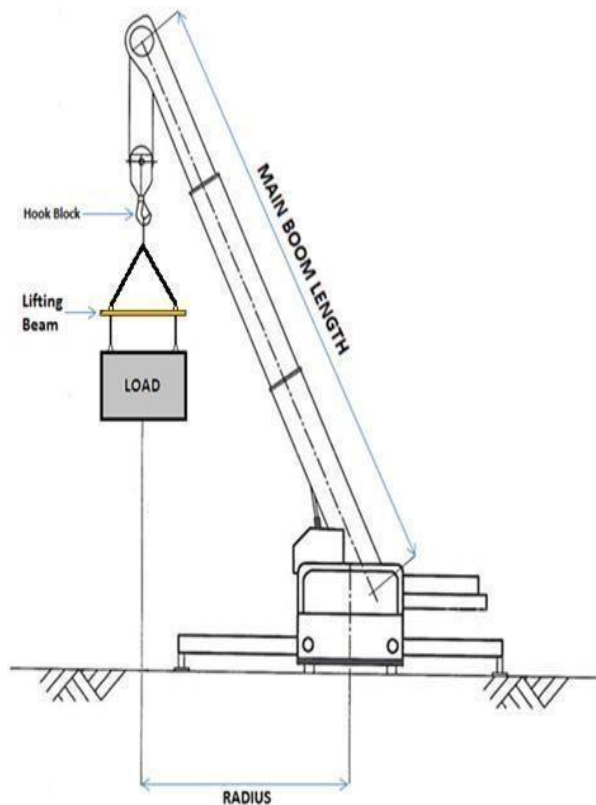
	Project Lifting Plan				
	Document code:	TC-LP-00			
	Rev. No.	00	Page: 4/5	Date: 00-00-2025	

Note: Never start any lifting operation until all concerned have been briefed in a Pre-Start Meeting, ensuring that they understand their role and responsibilities and that they have signed onto the Permit-to-Work or record of attendance at the Pre-Start Meeting.

Acknowledgment:

We acknowledge that have verified this method statement against the activities stated in this statement without any deviation. This method statement will be discussed during the (TBT) discussion.

LOAD CALCULATION



SI NO	DESCRIPTION	UNIT	VALUE
1	Weight of the lifted load (Load)	Tones	0.75 TON
2	Lifting Beam	Tones	---
3	Main Hook blocks / Aux Hook weight	Tones	0.200
4	Lifting Shackles & slings	Tones	0.100
5	Total weight (Gross Load)	Tones	1.4Ton

SI NO	DESCRIPTION	UNIT	VALUE
1	Total weight as per above *	Tones	1.4 Ton
2	Working Boom length	M	50 M
3	Counterweight	Tones	17.3
4	Crane Working Radius	M	50
5	Net Capacity of Crane (SWL)	Tones	1.825
6	75% of chart capacity used *		76%

CRANE DETAILS			
Type:	TOWER CRANE	Capacity:	6 Ton
Plate number:	MC 125	ID No	

* % of chart capacity used = Total Weight (Gross Load) / Net crane capacity (SWL). It should be less than or equal to 75%.

Lifting plan prepared by	Designation	NAME	SIGNATURE	DATE
	Site Engineer.			
Approved by	Lifting Supervisor.			
Lifting plan Verified by	Site Supervisor.			
Lifting plan Verified by	Crane Operator.			
Lifting plan Verified by	HSE Representative.			
Note: Lifting Supervisor can approve only the Simple Lifting plan				

Note: Above mentioned Load is maximum lifted at