LIFT DATA SHEET
Metric Units

Fill in the required information below prior to conducting a lift. This Lift Data Sheet adheres to the **ASME P30.1 Standard - Planning for Load Handling Activities** for gathering the information required when carrying out a Lift Plan.

Payload Name:

Project:

Lift Description:

Crane Details

Manufacturer

Model No

Configuration		Base mount type		Track/outrigger c/s	cm
Boom Type		Boom length	cm	Boom/Jib angle	deg
Jib Type		Jib length	cm	Tail swing	cm
Machine Ballast	kgs.	Aux counterweight	kgs.		
Block Capacity	tonnes	Line Size	cm		
Single Hoist Line Pull	kgs.	Parts line used		Reeved capacity	kgs.
Heavy lift attachments		SL radius	cm	Superlift weight	tons

Load Details

Basic weight of item	Quantity	Weight (ea.)	Total
		kgs.	kgs.
		kgs.	kgs.
		kgs.	kgs.
		kgs.	kgs.
		kgs.	kgs.

Total Weight of items | kgs.

Rigging Data (Size, Type, and Capacity)

			Total
		kgs.	kgs.
		kgs.	kgs.
		kgs.	kgs.
		kgs.	kgs.

Total Weight of Rigging | kgs.

Additional Weight items

				Tota
Main Hook			kgs.	kgs.
Wire Rope			kgs.	kgs.
Other hooks			kgs.	kgs.
Aux boom sheaves			kgs.	kgs.
Jib			kgs.	kgs.
Other			kgs.	kgs.

Total Additional Weight | kgs.

GROSS LOAD | kgs.

Crane Capacities

Total load to crane		kgs.	Total load to crane		kgs.	Total load to crane		kgs.
Planned radius		cm	Planned radius		cm	Planned radius		cm
Chart radius		cm	Chart radius		cm	Chart radius		cm
Chart Capacity		kgs.	Chart Capacity		kgs.	Chart Capacity		kgs.
% chart capacity		%	% chart capacity		%	% chart capacity		%

MAXIMUM PERCENTAGE OF CHART CAPACITY PLANNED TO BE USED   %

Reeved Capacity

Total suspended load _____ kgs.   Reeved capacity _____ kgs.

MAXIMUM PERCENTAGE OF REEVED CAPACITY PLANNED TO BE USED   %

Document Attachments

Crane Layout		Plan Category		GBP Source/calcs	
Rigging Arrangement		JHA/JSA/AHA		Project Scope	
Crane Chart Extract		Risk Evaluation		Load Weight/CG source	
Foundation Details		Weather Forecast		Load/crane Clearances	
Cribbing Arrangement		Drawing of Load			

Notes

Ground Bearing Pressure – allowable _____   Actual Ground Bearing Pressure _____
Max. Wind Speed – allowable _____   Actual Wind Speed _____

	Name	Signature	Title	Date
Prepared by				
Checked by				
Approved by				

Pre-Lift Check	YES or N/A	**Personnel Check**	YES or N/A	**Crane Setup Checks**	YES or N/A
Payload Weight		Lift Director		Annual Inspection	
CG Verified		Rigger		Pre-use Inspection	
Lift categorized		Signal person(s)		Adequately supported	
Plan in place		Communication		Mats as required	
Field Condition to plan		Operator		Set up checked/level	
Approvals/Permits		Nonessentials removed		Adequate parts of line	
Weather acceptable		Rigger roles identified		Obstructions/clearance	
Powerlines		Other roles identified		Configuration correct	
Site control/Barriers		Qualified person present		Controls/functions ok	
Contingency plan		Pre-lift meeting held		Ancillary equipment	
Emergency plan					

Rigging Check

	YES or N/A	Notes:
Correct rigging		
Inspections current		
Pre-use inspection		
Correctly assembled		
Softeners		
Tagged		
Sling angles acceptable		
Sling tension acceptable		
Length acceptable		
Obstructions/clearance		
D/d ratio adequate		
Pick points identified		
Pick points inspected		
Tag lines		
Height acceptable		

Pre-Lift Briefing

By signing below, all workers involved confirm that the lift data has been explained as outlined above, questions have been addressed, and all operational roles and responsibilities are understood and will be carried out accordingly.

Name (Print)	**Signature**	**Trade/ Department**

Lift Director Name (Print)   **Lift Director Signature**   **Lift Director Title/Department**