

CRITICAL LIFT PLAN

1	MPC Division & Area:			
2	Unit:			
3	Prepared By:			
4	Date Prepared:			
5	Job Description:			
Lift Evaluation				
1	Suspended Personnel Platform Lift: (Ladders, Stairway, Aerial Lift, Elevated Work Platform, Scaffolding)	Yes	No	
3	Is Lift Within 20 Feet Of Un-Insulated Energized Overhead Lines: If yes, attach PR-20C Form	Yes	No	
Lift Data **Attach Verification of Weight**				
1	Equipment Weight:	0	Lbs.	
2	Rigging Component Weight: b. Shackles	0	Lbs.	
3	Crane Component Weight:			
	a. Main Hoist Block	0	Lbs.	
	b. Aux. Hoist Block/Ball	0	Lbs.	
	c. Crane Load Handling Devices/Attachments (i.e Aux. Boom Head, Jib, Superlift Attachment, etc....)	0	Lbs.	
	d. Weight Of Load Line	0	Lbs.	
	e. Total Crane Component Weight	0	Lbs.	
4	Total Weight	2d + 3e	#REF!	Lbs.
5	Equipment Surface Area (max. subject to cross wind)		Sq.Ft.	
6	Lifting Operations Reassessed At Wind Speeds In Excess Of:		MPH.	
Rigging Data **Attach Manufacturer's Chart Showing Rated Capacity**				
1	Worst Case Scenario Percent of Sling Capacity Utilized	0	%	
2	Worst Case Scenario Percent of Shackle Capacity Utilized	0	%	
1	Has Crane & Configuration Description and Sketch Been Attached?	Yes	No	
4	Outriggers/Crawler Tracks Fully Extended If No, Explain:	Yes	No	
6	Boom Length	Overall	0	Ft.
		Main	0	Ft.
		Jib/Extension (If Applicable)	0	Ft.
		Fixed		
		Luffer		
		Fixed Offset		°
7	Counterweight	0	Lbs.	
8	Total Weight On Crane	#REF!	Lbs.	
9	Crane Capacity	0	Lbs.	
10	Worst Case Scenario Percent of Crane Capacity Utilized	#REF!	%	
11	Total Weight On Cable	0	Lbs.	
12	Hoist Block/Ball Capacity & Percentages	Capacity	0	Lbs.
		Capacity Utilized	#REF!	%
13	Hoist Cable Permissible Line Pull	0	Lbs.	
14	Hoist Cable Parts Of Line	0	Parts	
15	Hoist Cable Capacity	0	Lbs.	
16	Percent of Crane Cable Capacity Utilized		%	
17	Mat Size			
18	Ground conditions surrounding the crane, per attached site plot plan, have been evaluated for underground hazards: If No, Explain:	Yes	No	

****DESCRIBE IN DETAIL HOW THE VESSEL/OBJECT WILL BE LIFTED****
General Lifting Requirements:

1. Pre-lift meeting will be held between all concerned personnel.
2. Maximum radius not to be exceeded.
3. Softeners to be employed where slings may contact sharp edges.
5. Designated crane signal person required.
6. Radio communication required when hand signals are impaired.
7. Swing path of all lifts will be adjusted to minimize lifting over existing process equipment.

Notes:

1	Any lifting that does not come under the parameters set by this procedure will be re-evaluated.
2	Lowering of all lifts must be under geared control. (No impact compensation provided)
3	All dead weight attached to the boom must be accounted for.
4	Taglines will be used on all lifts.
5	Softeners to be employed where slings might contact sharp edges.
6	Radio communication will be required where crane operator's vision is impaired.
7	Adhere to PR-20 C policy prior to any lifting near exposed energized lines.
8	If obstacles or obstructions to lift or swing are present, describe and address in plan.
9	Maintain swing clearance of 2 ft. or greater between the counterweight of the crane and any obstacles.
10	Include any special instructions or restrictions for crane, rigging, placement, lift, etc..
11	Address initial orientation of lift relative to machine (Front, Side, Rear) in plan.
12	Address swing orientation of lift relative to machine (Front, Side, Rear) in plan.
13	Address swing direction and degree (boom swing) in plan.

APPROVAL SIGNATURES

	Accountability	Printed Name	Signature	Date Signed	Phone
1	*HEO Maint. Supv. / Project Supv				
2	*Maint. Manager or Eng. Manager				
3	*Reliability / Project Eng.				
4	*Reliability / Project Supv.				
5	*Area Safety Rep.				

* Minimum Signatures Mandatory Before Procedure Is Approved.

Special Note:

The Process Supervisor and Fire Department are to be notified prior to the lift.