

Project		Work Area		Date	
Description of Load		Crane Model			
Weight of Load		Boom Length			
Weight of Rigging & Crane Block		Jib Length			
Total Erection Load		Max. Radius of Lift			
Percent of Crane Capacity at Max. Radius		Crane Capacity at Max. Lift Radius			
LOAD & LIFTING LUG					
1. Has the weight of the load been referenced & accurately calculated?		5. Will the lifting lugs be loaded only in the optimum direction for the lug during the lift?			
2. Are all items that will be lifted with the equipment factored in the weight of the load?		6. Are the lifting lugs visibly free of defects and/or damage?			
3. Are the lifting lugs that will be used to lift the load designed for that purpose?		7. Has the load been checked for loose or unsecured items that might fall during the lift?			
4. Will the lifting lugs be used with the correct shackles?		8. For a single crane lift, will the crane hook be over the center of gravity at the initial picking moment?			
RIGGING GEAR - SIZE & CAPACITY					
RIGGING GEAR					
9. Have the capacities of the slings & shackles been Checked that they are rated for the load?		11. Have the sling angles been considered when Calculating the capacity of the slings & shackles?			
10. Have the slings & shackles been visually inspected For defects and damage?		12. Has the center of gravity been considered when Checking the capacities of the slings & shackles?			
CRANE					
13. For a Crane that HAS a load-indicating device with overload cut-off, is the total load less than 90% of the allowable crane capacity?		16. Is the Crane set up in accordance with the equipment Manufacturer's specifications?			
14. For a Crane that does Not have a load-indicating device with overload cut-off, is the total load less than 80% of the allowable crane capacity?		17. Do approved crane mats support the Crane?			
15. Has the Crane received a daily inspection & Operational check by the operator?		18. If that lift involves more than one Crane, can it be made without the possibility of one of the Cranes being Overloaded?			
19. Has the soil been inspected and determined to be adequate? Yes,					
20. Has all Safety Critical equipment been checked for function and operation? yes					
21. Has all Safety Critical equipment been fitted to the crane as required by the equipment manufacturer? yes					
LIFT					
22. Has the radius of the lift been check by a tape Measure?		25. Have the wind speed limits been checked for the Crane & the Load?			
23. Is the lift area free of operating process equipment, Other structures/electrical lines?		26. If there is a possibility for boom or equipment interference, has a rigging layout or clearance study been made?			
24. Has the area under the lift been barricaded or marked off to secure the work area?		27. Has a designated "Signalman" been appointed for the Lift?			
NOTE: All questions on this form should be answered yes, no, or N/A (not applicable). The Equipment Contractor and Facility Manager must approve any checklist item answered "no".					
Comments or Additional Items factored for this lift:					