

FORM 16-2

Standard Pre-Lift Plan (LHE)/Checklist

Date: \_\_\_\_\_ Job #: \_\_\_\_\_ Location: \_\_\_\_\_

Time: \_\_\_\_\_ Completed By (Competent Person): \_\_\_\_\_

Note: Applies to Cranes, Derricks, Hoists and Power-Operated equipment that can be used to hoist, lower and/or horizontally move a suspended load (includes excavators, forklifts, Rough Terrain equipment, etc., when used with rigging).

Crane Considerations		Yes	No
1	Are the lifts within the crane's rated capacities? (based on boom height, radius)		
2	Boom deflections considered?		
3	Have all potential crane boom obstructions been identified?		
4	Have environmental considerations been addressed? (wind, weather, lightning)		
5	Have electrical hazards been addressed (overhead /underground)		
	- Clearance distances established?		
	- Is a spotter required?		
	- Public Utility contact required?		
6	Crane swing radius properly barricaded and personnel advised of hazards?		
Comments:			
Crane Considerations		Yes	No
1	Weights and Centers of Gravity (COG) have been determined?		
2	Anything inside/outside the loads that could shift during the lift?		
3	Does rigging need protection from the loads?		
4	All anchor bolts, hold-downs, or fasteners have been removed?		
5	Potential for binding: are load cells required to verify the loads are free?		
6	Attachment points rated to take load weight?		
7	Are the loads structurally capable of being lifted? (bending/twisting issues)		
8	Is a Critical Lift Plan required per EM 385-1-1, Section 16.H?		
Comments:			

Rigging		Yes	No
1	All rigging has been inspected by a Qualified Rigger?		
2	Have sling angles been calculated?		
3	Are shackles correctly sized for the sling eyes?		
4	Are softeners needed?		
Comments:			
Personnel		Yes	No
1	The roles, responsibilities and qualifications for personnel have been defined? (Operator, Lift Supervisor, Rigger, Signal Person)		
2	A Pre-Lift meeting has been conducted?		
3	Personnel trained per the EM?		
Comments:			
Area Preparation		Yes	No
1	The locations for the load landings has been selected and prepared?		
2	Blocking and/or cribbing available to set the loads on?		
3	Travel paths have been determined and cordoned off?		
4	Other personnel in the area have been notified of the lifts?		
5	Have ground bearing support questions been addressed?		
Comments:			

Crane Operator: \_\_\_\_\_

Date: \_\_\_\_\_

Rigger(s): \_\_\_\_\_

Date: \_\_\_\_\_

Signal Person: \_\_\_\_\_

Date: \_\_\_\_\_

Other: \_\_\_\_\_

Date: \_\_\_\_\_