

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: _____