CRITICAL LIFT PLAN

According to OSHA 1926.751 subpart R, a *“Critical lift means a lift that (1) exceeds 75 percent of the rated capacity of the crane or derrick, or (2) requires the use of more than one crane or derrick.”*

Furthermore, according to the Construction Institute of ASCE’s training definition, a *“Critical Lift: Any lift: utilizing multiple cranes; exceeding 85% of total capacity of the crane at lift radius; over an occupied structure or public street; of lifting an item of high value or long replacement time”*

PROJECT NAME:

|  |  |  |  |
| --- | --- | --- | --- |
| Date of planned lift  |       | Date today |  |
|  |
| 1. A) Supervisor responsible for lift |       |
|  |
|  B) Designated Operator  |       |
|  |
|  C) License # and Expiration:  |  |
|  |
| 2. A) Description of item to be lifted  |       |
|  |
|  B) Weight of item to be lifted  |       |
|  |
| 1. Was item weight estimated Yes [ ]  No [ ]  If yes, by whom?
 |       |
|  |
| 1. Major Hoisting Equipment to be used:
 |       |
|  |
|  A) Unit |       | Gross lift capacity |       |
|  |
| 1. Rigging to be used
 |       |
|  |
| 1. Designated rigger or tag-man
 |       |
|  |
| 1. Inspection of Hoisting Equipment:
 |       |
|  |
| 1. Lift unit inspector
 |       | Date inspected |       |
|  |
| 1. Rigging inspector
 |       | Date inspected |       |
|  |
| 1. Schedule of Operations: Date
 |       | Time |       |
|  |
|  Place  |       |
|  |
| 1. Area clear of personnel
 |       |
|  |
| 1. Equipment inspection and operations performed?
 |       |
|  |
|  By whom capable?  |       |
|  |
| 1. Any discrepancies noted by operator or rigger Yes [ ]  No [ ]
 |
|  |
|  If so, what?  |       |
|  |
| 6. Is the item a freely suspended (free to move) load? Yes [ ]  No [ ]  |
|  If not, complete Item A. |
|  |
|  A) Describe retarding or holding forces involved (i.e. "Load must be lifted from tracks",  |
|  |
|  "Load must be lifted off mounting bolts", etc.)  |       |
|  |
|  B) If eye bolts or similar attachments are used, have they been verified to be of sufficient  |
|  |
|  size and capacity to handle the load?  |       |
|  |
|  By whom?  |       |

7. Diagram the path that the load is to follow:

|  |
| --- |
| 1. Is there sufficient clearance for the load at every point along the path? Yes [ ]  No [ ]
 |
|  |
|  Verified by whom?  |       |
|  |
| 1. Has the individual been designated to observe any area that people could move into the load
 |
|  |
|  path? Yes [ ]  No [ ]  If so, whom?  |       |
|  |
| 8. What will be the boom configuration used? |
|  |  |  |  |  |  |
|  Main boom  |       | ft. Jib |       | ft. Angle or offset  |       |
|  |
| 1. What will be the radius, boom angle, and capacity at the beginning and end of the lift?
 |

|  |  |  |
| --- | --- | --- |
| Radius | Boom angle | Capacity |
|       |       |       |
|       |       |       |

1. Remarks/Comments:

|  |
| --- |
|       |
|       |
|       |

