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:

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

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

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

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| Radius | Boom angle | Capacity |
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1. Remarks/Comments:

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