## Lift Plan
### Mobile Crane

### A. Load
1. Load Condition: New ___ Used ___
2. Wt. Empty __________ lbs
3. Wt. of Other Materials/Components __________ lbs
4. Wt. of Hk/Block Suspended (Unused) __________ lbs
5. Wt. of Hk/Block Being Used __________ lbs
6. Wt. of Lifting Beam __________ lbs
7. Wt. of Sling/Shackles __________ lbs
8. Wt. of Jib/Ext. Erected ___ Stowed ___ __________ lbs
9. Wt. Hoist Rope Being Used/ft __________ lbs
   Either Count all parts ___ OR Count unused parts ___
10. Wt. of Aux. Tip Extension __________ lbs
11. Wt. Unused Hoist System Rope/ft __________ lbs
   Length _____ ft Parts _____ __________ lbs

**Total Weight of All Combined** __________ lbs

Load Weight Confirmed By: ____________________________

### B. Crane
1. Type of Crane __________________
2. Maximum Crane Capacity __________ lbs
3a. Radius at Pick-Up __________ ft
   b. Radius at Swing __________ ft
   c. Radius at Set-Down __________ ft
4. Boom Length Min. __________ ft Max. __________ ft
5a. Crane Capacity at Pick-Up Radius __________ lbs
   b. Crane Capacity at Swing Radius __________ lbs
   c. Crane Capacity at Set-Down Radius __________ lbs
6a. Boom Angle at Pick-Up Point __________°
   b. Boom Angle at Set-Down Point __________°
7. Lowest Crane Capacity (Ref. Section 8.5.) __________ lbs
8. Boom Point Elevation @ Highest Boom Angle __________ ft
9. Gross Load of Crane is __________ lbs
10. Lifts is __________% of Crane's Rated Capacity

### C. Jib / Extension
1. Erected ___ Stowed ___ Stored ___
2. If Jib/Ext. to used: Length __________ ft Offset __________°
3. Rated Capacity of the Jib/Ext. from Chart __________ lbs

### D. Hoist Rope:
1. Main ____ Aux 1 ____ Aux 2 ____
   1. Rope Dia. __________ # Parts ____ Load/Part __________ lbs
2. Lift Capacity based on Parts of Line __________ lbs
3. Lift is __________% of Reeved Capacity

### E. Rigging
1. Hitch Type(s) __________________ Size __________________
2. No. of Slings __________ Size __________________
3. Sling Type WR ____ FW ____ RS ____ Chain __________
4. Sling Assembly Rated Capacity(s) __________ lbs
5. Shackle Size(s) __________ WLL(s) __________
6. Shackle Secure to Load by: __________
7. Shackle to Lifting Lug Mating OK? Yes ____ No ____

### F. Crane Placement
1. Any deviation from Smooth Solid Foundation?
2. High Voltage or Electrical Hazards?
3. Obstructions to Lift or Swing?
4. Travel with Load Required?
5. Work Clearance due to Local Traffic?
6. Swing Direction?
7. Other

### G. Considerations
1. If Lift Exceeds 75% of Crane's Capacity, Attach Additional Special Instructions/Restrictions. Diagrams for Crane, Rig., Lift, etc. Yes ___ No ___
2. Multiple Crane Lifts Require a Separate Plan for Each Crane.
3. Any Changes in the Crane Configuration, Load, Placement, Rigging, Lifting Scheme or Calculations Require that a New Critical Lift Plan be Developed.

### H. Pre-Lift Checklist (Complete Prior to Lift)
1. __________ Crane Inspected 10. __________ Rigger Qualifications
2. __________ Rigging Inspected 11. __________ Signal System
3. __________ Crane Set-up 12. __________ Tag Lines
4. __________ Boom Sweep Area 13. __________ Wind/Temperature
5. __________ Hoist Height 14. __________ Safety Spotter
6. __________ Head Room 15. __________ Traffic Control
7. __________ Crane Counterweight 16. __________ Pre-Lift Meeting
8. __________ Load Test 17. __________ Site Control
9. __________ Operator Qualifications 18. __________ Signatures

### I. Contingency Plans

### J. Emergency Action Plan
Lift Plan
Mobile Crane

Location:  
Date of Lift:  

Load Description: 

Qualified Person-In-Charge:  

K. Crane Configuration  
L. Crane Set-up, Load Path and Work Platform

K: Crane Configuration

L: Crane Set-up, Load Travel Path and Work Platform

Building 1004
Roof elevation: 90'

Crane and Load Set-Up Location

Building 1005
Reinforced Machinery Deck
Roof elevation: 50'

Building 1006
Roof elevation: 30'

Drawing 1.2
Lift Area Plan View

1/4”:4’  
Page 2
Lift Plan
Mobile Crane

Location: 
Date of Lift: 
Load Description: 
Qualified Person-In-Charge:

Load and Rigging Schematic  M: The Load  N: Rigging

M: The Load

Pick points on the load are qualified lifting lugs that are 2’ from bottom, suitable for 1-1/2” to 2-1/2” shackles.

West End

N: The Rigging
See rigging catalog.

East End
**Lift Plan**

**Mobile Crane**

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<thead>
<tr>
<th>Location:</th>
<th>Date of Lift:</th>
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**Load Description:**

**Qualified Person-In-Charge:**

**O: Personnel**  **P: Pre-Lift Mtg**  **Q: Load Handling Sequence**  **R: Ancillary Eqpt**

**O: Personnel**
- Rigger 1 -
- Rigger 2 -
- Signal Person 1 -
- Signal Person 2 -
- Crane Operator -
- Lift Director -

**P: Conduct Pre-Lift meeting.**

**Q: Load Handling Sequence**

1. ...
2. ...
3. ...
4. ...
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**Personnel Qualifications***

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<tr>
<th>Employee</th>
<th>Qualified Lift Director</th>
<th>Qualified Rigger &amp; Signal persons</th>
<th>Qualified 24-Ton Boom Truck Operator</th>
<th>Qualified 40-Ton Boom Truck Operator</th>
<th>Qualified 600-Ton Lattice Boom Crane Operator</th>
<th>Qualified 1000-Ton Lattice Boom Crane Operator</th>
<th>Qualified 6000-Ton Lattice Boom Crane Operator</th>
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* All qualifications display initial date, and it has been confirmed that all personnel are still currently qualified as of today's date.

**R: Ancillary Equipment (fully inspect)**

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