

# Pre-Lift Checklist: Mobile Crane



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

Load & Lift Description: \_\_\_\_\_

Lift Planned By: \_\_\_\_\_ Weather Conditions: \_\_\_\_\_

Critical Lift:  Yes  No

## Load Details

Load Weight (lbs.): \_\_\_\_\_

Main Block Weight (lbs.): \_\_\_\_\_

Auxiliary Block Weight (lbs.): \_\_\_\_\_

Total Rigging Weight (lbs.): \_\_\_\_\_  
*(slings, shackles, spreader bars, etc.)*

Jib Weight (lbs.): \_\_\_\_\_

Cable Weight (lbs.): \_\_\_\_\_

Misc. / Other (lbs.): \_\_\_\_\_

**Total Weight (lbs.):** \_\_\_\_\_

Jib Details:  In Use  N/A

Jib Length (ft.): \_\_\_\_\_

Jib Angle (°): \_\_\_\_\_

Jib Rated Capacity (lbs.): \_\_\_\_\_

## Crane Placement

Ground Conditions Suitable for Safe Crane Operations?

Yes  No (describe below)

Details: \_\_\_\_\_

Crane Mats In Use:  Yes  No

Electrical Hazards in the Area:  Yes  No

Power Line Voltage (kV): \_\_\_\_\_

Clearance Distance (ft.): \_\_\_\_\_

Swing Restrictions:  Yes (describe below)  No

Details: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Cable Details

Size of Cable: \_\_\_\_\_

Number of Parts of Line: \_\_\_\_\_

## Rigging Details

Sling Type(s):  Synthetic Round slings  Steel Choker

Alloy Steel-Chain  Wire Rope  Metal Mesh

Synthetic Rope  Synthetic Webbing

Number of Rigging Selection: \_\_\_\_\_

Size of Rigging Selection: \_\_\_\_\_

Length of Rigging Selection: \_\_\_\_\_

Rated Capacity of Rigging: \_\_\_\_\_

Shackle Pin Diameter: \_\_\_\_\_

Capacity (tons): \_\_\_\_\_

Number of Shackles: \_\_\_\_\_

Crane (model & unit #): \_\_\_\_\_

Annual Inspection Date: \_\_\_\_\_

Crane Rated Capacity (tons): \_\_\_\_\_

Min. & Max. Radius (ft. / °): \_\_\_\_\_

Boom Configuration (ft.): \_\_\_\_\_

Counterweight Configuration (lbs.) \_\_\_\_\_

Radius of Lift (ft. / °): \_\_\_\_\_

Capacity of Crane with Load (lbs.) \_\_\_\_\_

% of Crane's Total Capacity: \_\_\_\_\_

Lift Approved By: \_\_\_\_\_

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