



Pre-Lift Checklist

Date: _____

Project Name: _____

911 Address: _____ Emergency Phone: _____

Describe Items to be Lifted: _____ Max. Weight: _____ LBS

Crane Operator Initials: _____

Rigger/Signal Person Initials: _____

Lift Director Initials: _____ (if other than crane operator)

Go/No Go Checklist (no go if not all checked):

- | | | |
|---------------------------|--|--|
| Equipment: | <input type="checkbox"/> Pass Crane Inspection | <input type="checkbox"/> Pass Rigging Inspection |
| Personnel Qualifications: | <input type="checkbox"/> Crane Operator | <input type="checkbox"/> Rigger & Signaller (see note below) |
| Weather Conditions: | <input type="checkbox"/> Wind < 20 mph | <input type="checkbox"/> Visibility Adequate |
| Crane Support: | <input type="checkbox"/> Firm & Flat Ground | <input type="checkbox"/> No Shallow U/G Utilities beneath Tracks |

Overhead Power & Utilities Hazards:

First Step - Identify & Demark Crane Work Zone

Second Step – Evaluate Whether Overhead Utilities Are Within swing range of crane: yes (go to Option 1,2,or 3) no (skip Section)

- Option 1: De-Energize Lines & Visibly Ground
 - Option 2: Ensure that equipment, lines, load, and rigging get no closer than 20 feet (for <350 kV)
 - Option 3: Use attached chart for minimum clearances when closer than 20 feet (for <350 kV)
- Voltage: _____ kV Min. Working Dist: _____ FT Min. Travel Clearance: _____ FT

For Both Options 2 & 3:

- Conduct Planning Meeting with Site Personnel in Area
- Non-Conductive Taglines
- Properly Ground Equipment, as Required
- Use Either: i) Elevated Warning Lines, ii) Barricades, or iii) Line of Signs to Show the Allowable Work Limits
- Use Dedicated Spotter when Operator Unable to See Lines
- Implement One of the Following Measures:
 - Proximity Alarm
 - Dedicated Spotter
 - Range Control Warning Device
 - Device that limits range of movement
 - Insulating Link at end of Load Line

Other Hazards & Special Considerations (other cranes, equipment etc.)

Specify Type & Protocol: _____

For Non-CIA Certified Rigger & Signal Person:

1. Rigger needs to be qualified by the crane operator (or CIA-certified person) for the specific rigging to be performed.
2. Crane operator must instruct Signaller as necessary. Signaller must demonstrate ability to crane operator.

Attached Lifting Plan (if available)



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From OSHA 1926.1408 (H):

TABLE A—MINIMUM CLEARANCE DISTANCES

Voltage (nominal, kV, alternating current)	Minimum clearance distance (feet)
up to 50	10
over 50 to 200	15
over 200 to 350	20
over 350 to 500	25
over 500 to 750	35
over 750 to 1,000	45
over 1,000	(as established by the utility owner/operator or registered professional engineer who is a qualified person with respect to electrical power transmission and distribution).

Note: The value that follows "to" is up to and includes that value. For example, over 50 to 200 means up to and including 200kV.

Attached Lifting Plan (if available)