JOBSITE SAFETY TALK

"ON-SITE TRAINING YIELDS A SAFE, PRODUCTIVE WORKFORCE"

22-36 December 12, 2022

LIFT ZONE SAFETY: PLANNING A LIFT

Before a lift, it is important for everyone involved to understand their roles, the hazards associated with rigging and hoisting, and how to safely execute the lift to prevent any injuries or fatalities.

Remember This

- Any personnel involved in the lift should be licensed/certified and trained, if appropriate.
- Check the lifting points, methods of attachment, sling angles, center of gravity, boom and swing angles, and crane orientation.
- Establish the load swing path and ensure all personnel are positioned clear of the path.
- Discuss the crane's movements and associated signals:

    1. Cable up/Boom up
    2. Swing right 90°
    3. Boom down
    4. Cable down

- Set up barricades and post warning signs around the lift zone.
- Confirm all other field personnel not involved in the lift are aware and clear of the lift.
- Inspect the crane and rigging before use for wear or damage.
- Check to make sure the crane's outriggers are properly extended and supported.
- Verify soil and/or mats under the crane and outriggers are of sufficient bearing capacity.
- Monitor the weather, ground conditions, and other environmental factors.
- DO NOT operate the crane if it is unsafe to do so.
- Test the load by raising it a few inches and holding, verifying the capacity and balance, and test the brake system.
- DO NOT lift a load that exceeds the lifting capacity of the crane or rigging.
- DO NOT stand within the swing radius of the crane or under the swing path of the load.
- Keep the crane clear of obstructions, including overhead power lines, and maintain a safe working clearance from them.
- Always keep the load under control. Use tag lines and push sticks to prevent uncontrolled motion.
- Follow the load and avoid being in front of the intended movement.
- Communicate using clear hand signals or via radio.

Date **Company Name**

Project #/Name **Meeting Location** **Person Conducting Meeting**

Items Discussed:

Problem Areas or Concerns:

Attendees:

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Comments: