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# **Tool Box Safety Talk # 31 07-28-2024.**

**Topic: Lifting and Rigging Safety**

Lifting and rigging tasks should be considered high risk. There are numerous hazards associated with lifting loads whether using cranes or equipment. While it is important to understand safe rigging principles and lift or hoisting methods, the first step towards safe operations comes in the planning stage.

**Lifting and Rigging Incidents**

Some of the more common incidents related to lifting and rigging usually involve breakage or damage to a sling, wire rope, or chain resulting in a dropped load. These types of incidents usually have the most severe consequences. Other types of severe incidents can occur that result from failures to adhere to best safety practices. could cause injuries and property damage. Some of the other injuries and incidents that occur are sprains, falls, crush injuries, electrocutions, and struck-by incidents just to name a few. Hazards such as swinging loads, manual handling of heavy rigging, holding on to tag lines, moving equipment, pinch points, working on elevated surfaces, trip hazards, slippery surfaces, etc. can all be present during lifting operations.

**Safe Work Practices**

* Have a written lift plan. A lift plan ensures that the proper rigging, positioning and lifting capacities of equipment are reviewed, verified and evaluated prior to the lift.
* Anyone in a work area where a lift is being performed should be informed of the scope of work and properly trained to assess the hazards and controls for the task.
* Plan the travel area and equipment positioning prior to the lift. Identify conflicts and any potential line of fire scenarios. This helps to avoid striking other objects or having to move objects or equipment after the load is already is in the air.
* Inspect all rigging prior to using it for a lift.
* Pre-use inspection and continuously inspect the equipment throughout the day if there are multiple lifts taking place.
* Roles and responsibilities should be identified and spotters should review the system of signals being used to communicate with the operators.
* All rigging should be properly stored after lifting operations are complete. Proper storage helps prevent the rigging from being damaged.
* Keep away from the load. Always strive to use tag lines or push sticks to ensure safe separation from the load.

The list of hazards that accompany lifting and rigging activities is extensive. Proper planning is required to eliminate hazards and avoid incidents.

**Remember to approach each lift as being unique and requiring a thorough assessment of equipment, capacities, rigging and conditions by qualified personnel**.

Safety Recommendations: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Job Specific Topics: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**TRAINING ROSTER**

COMPANY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ JOBSITE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## SUPERVISOR: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**# 31 Lifting and Rigging Safety 07-28-2024.**

**ADDITIONAL TOPICS COVERED: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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