

WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

SAFETY MEETING OUTLINES

Box 700, Frankfort, IL 60423

815-464-0200

No. 29

Vol. 21

Week of 7/17/2023

Company Name _____

Job Name _____

Date _____

CRANE SAFETY

Construction sites are communities within themselves. A wide variety of activities are performed simultaneously with numerous pieces of equipment and tools. The crane is one of the most important and expensive pieces of equipment in use on most construction sites. No matter what type of crane is in use, it must be operated safely and within specifications, and you must take special safety precautions when working near it.

Cranes are carefully designed, manufactured, and tested for safe operation. Employers shall comply with the manufacturer's specifications and limitations applicable to the operation of each crane. If the manufacturer's specifications are not available, a qualified engineer must determine, document, and record the limitations of the equipment. Crane attachments cannot exceed the capacity, rating, or scope recommended by the manufacturer.

The use of a crane to hoist workers on a personnel platform is prohibited. An exception is allowed when the erection, use, and dismantling of conventional methods of reaching the worksite — such as a personnel hoist, ladder, aerial lift, etc. — would be more hazardous or is not possible because of structural design or worksite conditions.

When used properly cranes provide safe, reliable service to lift or move loads. Crane operators and personnel working with cranes need to be knowledgeable of basic crane capacities and limitations. They must also be mindful of specific jobsite restrictions, such as the location of overhead electric power lines, unstable soil, and high wind conditions. Personnel working around cranes need to be aware of hoisting activities and any job restrictions imposed by crane operations. To prevent employees from being struck or crushed by the crane, barricade accessible areas within the swing radius of the rear of the rotating superstructure.

A competent person must inspect all cranes and crane equipment to make sure they are in safe operating condition. These inspections must be performed both prior to and during use. OSHA requires an annual inspection of all hoisting machinery. This inspection must be performed by a competent person, or by a government or private agency recognized by the U.S. Department of Labor. The dates and results of this annual inspection must be recorded. For more information on crane safety see OSHA's Standard 29 CFR 1926.550.

SAFETY REMINDER

Never ride the load.

Special Topics For Your Project _____

Employee Safety Recommendations _____

Reviewed MSDS # _____

Subject _____

Meeting Attended By _____

Supervisor's Signature _____