



Weekly Safety Meetings **Select Edition**

Safety Training for the Construction Industry

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All Sealants, Inc.

Week of 4/19/2021

Cranes

4/21/21

Imagine trying to work on a construction site without the use of a crane. The project wouldn't even get off the ground. Cranes make construction work practical. Material and equipment are moved into position using cranes. Forms are placed, steel is hung, and concrete is poured. Safe crane operations require attention from both crane operators and non-operators.

If you are a crane operator certain responsibilities are solely yours and are under your direct control. You are generally responsible for knowing the particular crane configuration well enough to perform the work safely. You must also be familiar with the content of the operating manual and know how to use the crane's load chart. You need to be aware of the presence of power lines or other electrical hazards. Be prepared to refuse to make the lift if the crane, cable or load will come closer to a power line than allowed in ANSI/ASME standard B30.5, or other state or local regulations.

When traveling from site to site in a mobile crane, there are several precautions that should be taken to ensure a safe move. These precautions include securing the superstructure to prevent rotation, lashing down the hook to prevent swinging, and keeping the boom facing in the direction of travel. Remember to plan the move and to set up the best route.

As a non-operator you are responsible for your own safety. You must be aware of where the crane is and where it is going. Never put yourself in a position where you could be crushed by the crane itself or by the load it is moving. Do not work under a load. You need to be careful of the swing radius of the crane house. Always pay attention to back-up alarms. If you are aware of your surroundings you will reduce the risk of having an accident.

Spotters can dramatically improve the safety of crane operations. Spotters act as another set of eyes and ears for the operator when he cannot clearly see the load destination. There should always be a direct line of communication between the spotter and the operator. Frequently hand signals or two-way radios are used. Standard hand signals can be found in ANSI/ASME standard B30.5. A chart of these hand signals can also be downloaded from www.safetymeetingoutlines.com courtesy of ASME.

If you have any doubts about crane safety or a lift, ask your supervisor for advice.

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SAFETY REMINDER
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Overhead powerlines will not get out of your way—look up and be careful!

NOTES:

SPECIAL TOPICS /EMPLOYEE SAFETY RECOMMENDATIONS/NOTES:

S.A.F.E. CARDS® PLANNED FOR THIS WEEK:

REVIEWED SDS #

SUBJECT:

MEETING DOCUMENTATION:

JOB NAME:

MEETING DATE:

SUPERVISOR:

ATTENDEES:

These instructions do not supersede local, state, or federal regulations.