

The James Myers Co., Inc.



TOOLBOX TALKS

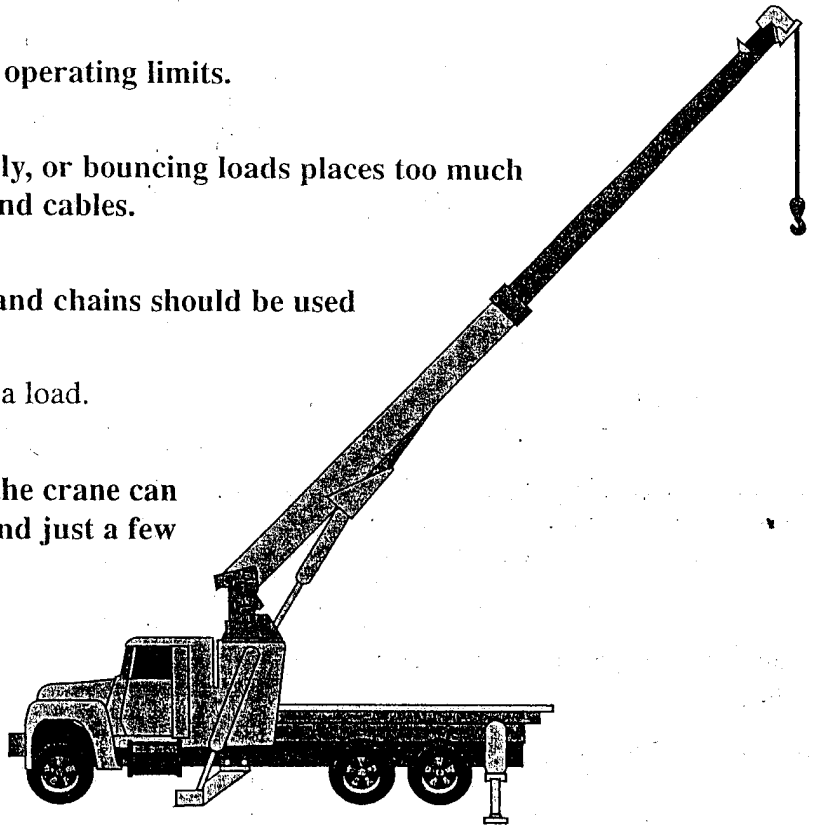
Week 9

NATIONAL ROOFING CONTRACTORS ASSOCIATION • CNA COMMERCIAL INSURANCE

Truck-Mounted Crane Safety

Most safety issues for cranes apply to the operator; however, everyone on the job site should be aware of crane safety rules. Even if you are not an operator you may someday be called upon to learn signals and be a signalman, or be asked to assist the operator in guiding the boom. At the very least you should realize what the crane operator should and should not be doing and what you, as a crew member, should and should not be doing when you are around a crane in operation.

- ☛ Crane operators must be specifically trained on each crane they operate.
- ☛ Crane booms should always be at least ten feet from electrical lines.
- ☛ Loads should always be swung away from crew members and the public.
- ☛ Outriggers should be deployed whenever the crane is in use.
 - If the outriggers cannot be set on firm ground, then cribbing must be used to create a firm and level surface.
- ☛ The signal man must be trained in all of the signals or must wear a wireless headset so he can communicate with the crane operator.
- ☛ A crane can never be used outside of its operating limits.
- ☛ Shock loading, swinging loads too quickly, or bouncing loads places too much tension and stress on the crane booms and cables.
- ☛ Only appropriately rated slings, ropes, and chains should be used when lifting a load.
 - A load line should never be used to rig a load.
- ☛ The rigging of the load and stability of the crane can be tested by lifting the load off the ground just a few inches before committing to the lift.
- ☛ Employees accepting the load on the roof must use fall protection.
 - Tag lines are helpful for controlling loads, especially on windy days.



Truck-Mounted Crane Safety Training Tips

- Show employees a crane and explain its basic operation if they are unfamiliar with it.
- Explain what shock loading and bouncing are.
- Demonstrate hand signals.
- Ask the following question:
 - If you can figure out how the crane is operated, can you just move a small load in a pinch even if you haven't been trained?