

WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

SAFETY MEETING OUTLINES Box 700, Frankfort, IL 60423 815-464-0200 No. 12 Vol. 21 Week of 3/20/2023

Company Name _____ Job Name _____ Date _____

STEEL ERECTION

Many buildings and structures today are built of steel. This week's safety meeting addresses steel erection. It is a fairly dangerous business because of the size of the members and the heights at which iron workers often do their jobs. Safety is paramount.

Let's consider some of the hazards associated with rigging and moving loads. When rigging a load, avoid pinch points. If the load shifts or the crane operator takes up the slack unexpectedly, you could lose a finger or a hand. Keep clear of suspended or moving loads. When hanging iron make sure you secure each end with two bolts before unhooking the load.

Fall protection is another hazard of great concern to erectors. OSHA standards require that a floor be maintained below, and directly under the portion of each tier of beams on which work is being performed. The floor must be within two stories or 30 feet (whichever is less) and tightly planked [1926.750(b)(2)(i)]. If the potential fall distance is greater than two stories or 25 feet, you are not using scaffolding, and using temporary flooring is not practical, you should install and maintain safety nets during skeleton steel erection [1926.750(b)(1)(ii)]. During structural steel assembly, install and maintain a safety railing of 1/2 - inch wire rope or equivalent around the perimeter of all building levels with temporary flooring. This railing should be approximately 42 inches high. Observe your employer's fall protection requirements at all times.

If you're up on the iron, secure spud wrenches, bull pins, and all other tools in your belt so they will not fall out. Keep bolts, nuts, washers, and other loose articles in containers so that vibration will not cause them to fall through the deck or off of the building. Be alert when working near or below the erectors as well. Always wear your hard hat, and pay attention to crane and load movements so you can stay in the clear. (For more information, see 29 CFR 1926.750 - .753.)

Iron workers come from a proud line of craftsmen. Be careful to keep that pride from turning into arrogance. Neither your ego nor your past accomplishments will catch you if you fall off the iron.

SAFETY REMINDER

Riding suspended loads is for the birds!
Unless you can fly, DON'T DO IT!

Special Topics For Your Project _____

Employee Safety Recommendations _____

Reviewed MSDS # _____ Subject _____

Meeting Attended By _____

Supervisor's Signature _____