

WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

SAFETY MEETING OUTLINES Box 700, Frankfort, IL 60423 815-464-0200 No. 38 Vol. 21 Week of 9/18/2023

Company Name _____ Job Name _____ Date _____

CONCRETE HAZARDS

The importance of concrete as a building material is very apparent; it is used in almost every type of construction. Walls, footings, foundations, sidewalks, driveways, swimming pools, and slabs are just a few places that concrete is used. Well-trained supervisors, weekly safety meetings, and careful construction workers can help eliminate concrete accidents.

From the very beginning when forms are being placed, all the way through to final finishing steps like grinding and sandblasting, personal protective equipment is a must. Hard hats, and eye, face, skin, and knee protection will help you work safely with concrete. Concrete is a very alkaline material and can cause both skin dehydration and chemical burns; therefore, skin protection is a necessity. Gloves should be worn during most finishing operations. Remember to protect your arms and legs in addition to your hands.

Formwork must be inspected before concrete placement begins to ensure that it complies with the approved design specifications. Forms should be plumb in both directions. All protruding reinforcing steel, onto and into which employees could fall, must be guarded to eliminate the hazard of impalement.

Employees are not permitted to ride concrete buckets. No one is permitted to work under concrete buckets while they are being raised or lowered. To whatever extent feasible, elevated concrete buckets must be routed so that they don't travel over workers, or so that they travel over the fewest number of workers possible.

Unsafe concrete vibrators can cause injuries. Prior to use, check electric-powered vibrators for grounding conductors. If you find the ground prong broken off, do not use the vibrator; tag it defective and let your supervisor know. If you are the vibrator operator during a concrete pour, wear eye protection since frequent splashes can occur when inserting vibrators in wet or high slump concrete.

Remember that fall protection is required anytime you are working six feet or more above the ground. Guardrails are one of the best means of protection. If you can't work behind a guardrail, use a personal fall arrest system.

There are many hazards associated with concrete work. You can abate these hazards and prevent injuries by making the effort to work safely. Plan your work, especially form placement and concrete lifts, and wear your PPE.

SAFETY REMINDER

Watch out for pinch points between discharge chutes on concrete trucks. If you're not careful, you can lose a finger in a split second.

Special Topics For Your Project _____

Employee Safety Recommendations _____

Reviewed MSDS # _____ Subject _____

Meeting Attended By _____

Supervisor's Signature _____