

# TOOLBOXTOPICS.COM

Company Name \_\_\_\_\_ Job Name \_\_\_\_\_ Date \_\_\_\_\_

## CONCRETE

Do you know how much concrete weighs? A cubic yard (3 feet by 3 feet by 3 feet) weighs 4000 pounds! That's 2 tons, more than twice the weight of the average small car on the road today. Think about that when a concrete truck is placed next to an excavation. All that weight plus the load shift during mixing will cause a super imposed load on the sides of an excavation or trench and could result in a cave-in. Be on guard during any concrete placement.

When pouring concrete be sure that you wear the proper personal protective equipment. Rubber boots are a must to prevent you from getting lime burns on your feet and ankles. If you get wet concrete on your socks change them immediately to prevent concrete burns. Your eyes also need protection. Goggles will provide you with excellent coverage.

Another area that has potential for serious injury is when a concrete chute is raised or lowered at the rear of a concrete truck. Always keep your fingers out of pinch points. On'e slip can mean the loss of fingers or even a hand. The same thing applies any time an extra chute is added to the truck. Watch where you put your hands and get help to lift the add-on chute.

Pinch points are all around concrete buckets. Never ride a bucket and make sure that no one is working under the load. If the crane or pump truck operator cannot see the pour be sure to use a qualified signal person. When placing concrete with a bucket, know the capacity of the crane, don't overload. A test lift is advisable. Avoid swinging the bucket near power lines. Contact with an energized power line can kill or injure.

When applying curing compound to concrete wear the right personal protective equipment. Chemical additives can cause burns. Check the appropriate MSDS sheet with your supervisor. Also remember that wet concrete conducts electricity. All tools and cords must be grounded, and don't allow metal bull float handles to come in contact with electrical wiring or light bulbs.

**KEEP A SAFE DISTANCE FROM MOVING TRUCKS OR EQUIPMENT, ESPECIALLY WHEN THEY ARE BACKING UP. THE OPERATOR MAY HAVE A LIMITED FIELD OF VISION.**

Safety  
Recommendations: \_\_\_\_\_

Job Specific  
Topics: \_\_\_\_\_

M.S.D.S  
Reviewed: \_\_\_\_\_

Attended By: \_\_\_\_\_  
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