



# Tailgate/Toolbox Safety Training

Safety Services Company-Safety Meeting Division, PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786



Company Name: \_\_\_\_\_ Job Site Location: \_\_\_\_\_

Date: \_\_\_\_\_ Start Time: \_\_\_\_\_ Finish Time: \_\_\_\_\_ Foreman/Supervisor: \_\_\_\_\_

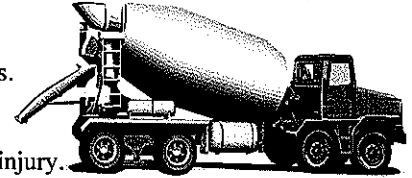
## Topic 259: Concrete Chutes

**Introduction:** Chutes are rounded, sloping troughs or tubes for moving concrete from a higher to lower point. Hazards include swing radius, weight, securement to truck during travel, and working in high traffic areas. Learn the proper hand signals for concrete operations.

**Following are safety guidelines to ensure safe concrete operations:**

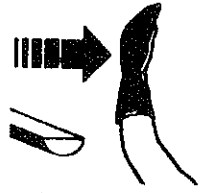
**Extension chutes:** Chute handlers need to be trained in the proper handling techniques.

- Remember, when handling chutes; always be careful to avoid pinch points in the chute pivots.
- Make sure you know if anyone else is authorized to handle the chutes.
- Do not allow anyone to handle the chute that is not authorized to do so.
- Never stand in the path of an unfolding chute. Chutes can flop down rapidly causing serious injury.
- Always be aware of who is in the immediate area. Communicate to your fellow workers when you are handling the chutes.
- Do not let anyone stand or walk under the chutes or near the discharge end of the mixer.
- Always protect the connections on the chute. Allow enough clearance so it can swing when loaded with concrete.
- When the chute rises too slowly, make sure that the hydraulic fluid is at the proper level in the reservoir.
- Always put the chute down to check the fluid level so that if the hydraulic cylinder loses pressure, a loaded chute will not fall on you. Ask for assistance when necessary.
- Make sure that when you are placing concrete through a door or window that the chute does not contact the framing and damage the chute. Any damage to the chute needs to be repaired immediately.



**When lifting, handling, extending, and placing your truck's chutes:**

- Always handle your own chutes at all times.
- Clear the area of debris to assure safe footing.
- Do not hold the ends of the chute.
- Place your hands with your fingers around the side edges of the chute.
- Hold the chute close to your body (between your waist and shoulder) or
- Place the chute on your shoulder with the chute hook in front of you.



**Working in Traffic:** Many injuries occur when the chute is being handled and placed in heavy traffic areas. Stay alert!

- Refer to your Temporary Traffic Control Manual for correct placement of all cones, barricades, and signs. Use these devices to keep traffic from getting anywhere close to where you are working. Inspect the area the chute is going to be placed.
- Temporary traffic devices can keep foot traffic away. Use bright cones around the immediate work area.
- Always look around before handling, extending, and placing the chute. A busy work site can create unforeseen hazards.

**Pumps:** Do not let anyone stand or walk between the mixer and pump. Allow room for the extension chutes to drop when you discharge concrete. The weight of the concrete will drop the chute. Do not let it hit the pump hopper.

- Remember, water in concrete conducts electricity. Any part touching live electricity will travel through the chute.

**Cement Burns:** Wear the proper protective equipment at all times. Even minor contact can become worse over time. Do not let cement rub against your skin. Rubbing or abrasion increases the chance of serious injury. Wash your skin promptly after contact with cement.

- Always keep cement away from the eyes. Flush immediately if exposed. Seek medical attention when needed.

**Personal protective equipment:** Hard hat, safety goggles or glasses, heavy duty work shoes or boots, rubber boots, work gloves (rubber when necessary), long sleeved shirt (when necessary), ear plugs or muffs.



**Traveling:** Secure the chutes. Keep the chutes latched to the side. Serious traffic injuries occur by swinging chutes and loose concrete.

- Make sure the chute baffle or cap is in place. Make sure the chute is not covered with hardened concrete.

**Conclusion:** Forceful muscular activities (for instance, lifting heavy chutes, frequently lifting chutes) can cause debilitating injuries. Lift only what you can handle. Ask for assistance when necessary. Utilize these safety guidelines to ensure safe concrete chute operations.

### Work Site Review

Work-Site Hazards and Safety Suggestions: \_\_\_\_\_

Personnel Safety Violations: \_\_\_\_\_

Material Safety Data Sheets Reviewed: \_\_\_\_\_ (Name of Chemical)

**Employee Signatures:** \_\_\_\_\_  
(My signature attests and verifies my understanding of and agreement to comply with, all company safety policies and regulations, and that I have not suffered, experienced, or sustained any recent job-related injury or illness.)

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**Foreman/Supervisor's Signature:** \_\_\_\_\_

These guidelines do not supercede local, state, or federal regulations and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.