



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 166: Safety Hints for Pre-Mix Trucks

Introduction: A concrete truck operator must possess an assortment of skills in order to get through his workday without injury. Transporting "Pre-mixed Concrete" from the batch plant to the jobsite requires that various processes be carefully accomplished. The pre-mix truck and attached mixing apparatus is an enormous and powerful piece of equipment. The operator must be a highly skilled driver in order to navigate the oversized vehicle on public roadways and the various terrains encountered on jobsites. The operator must also be a proficient heavy machinery operator. From the beginning, when the truck is loaded at the batch plant, until the pour chutes are hosed down and stowed, the operator's job is fraught with potential hazards.

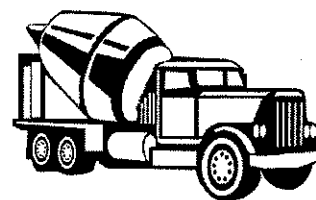
OSHA reports that the ready-mix concrete industry suffers nearly double the injury rate of the general construction industry.

The National Safety Council reports that half of all injuries sustained by pre-mix truck operators are the result of falls.

The following rules will help prevent most of these injuries from occurring to the operator of pre-mix trucks and associated personnel.

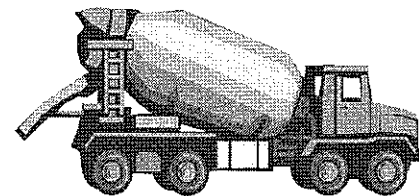
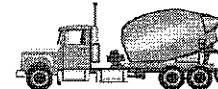
General OSHA requirements which apply to pre-mix trucks:

- **Equipment and its systems** must be checked for proper operation at the start of each shift or when malfunction is noticed or suspected.
- **A safety tire rack** or cage must be used when inflating, mounting, or dismounting tires installed on split rims, or rims with a locking ring.
- **Whenever the truck** is parked, the parking brake must be set. Trucks parked on an incline must also have the wheels chocked.
- **General repairs** must not be made to powered equipment until workers are protected from movement equipment or its parts. Be sure to immobilize all moving or energized parts prior to performing repairs.
- **All trucks must** have a service, parking and emergency brake system.
- **Trucks must have** seat belts provided for all operators and riders.
- **All vehicles must** be equipped with a manually operated warning device (horn).
- **All cab glass** must be safety glass with no distortion which presents a hazard to safe operation. cracked or broken glass must be replaced. Keep all windows, mirrors, and wiper blades clean.
- **Truck must be equipped** with an automatic back-up alarm of sufficient volume to be heard over general job-site noise levels.



Other precautions which should be observed for safe operation of pre-mix trucks:

- **All drivers** should be properly licensed to operate commercial vehicles of the weight designation assigned.
- **Supervisors should** ensure that operators are competent to operate the vehicle assigned.
- **Use hand holds** and steps when getting in or out of truck or when checking load. If no hand holds or steps are provided, do not climb there.
- **Always check** to the rear before backing. Use an observer if possible; if at anytime you lose sight of the observer, stop the truck immediately.
- **Wear clothing** and protective equipment appropriate for the job. This includes hearing protection when appropriate.
- **Do not allow riders** anywhere on the truck that is not designed for riders.
- **Keep a charged** and properly inspected fire extinguisher secured in the truck cab.
- **Always be aware** of personnel working in your operating area.
- **Keep truck speeds** appropriate for the load, weather, road, and traffic conditions.
- **Do not stand** in the immediate area of loading at the ready mix batch plants.
- **Many parts** on operating pre-mix trucks become hot enough to cause serious burns, and hydraulic fluid under extreme pressure may cause burns or be forced under the skin, causing serious injury.
- **Pour chutes should** be handled with care to avoid pinch points, swinging parts, and lifted correctly to avoid back injury.
- **Chemicals in concrete** and admixtures may cause skin irritation or allergic reactions; wash concrete splash off of bare skin immediately.
- **Splash hazards** are a constant threat to pre-mix drivers. Suitable eye protection must be worn during all pouring operations outside the truck.



Conclusion: Pre-mix truck operators must be familiar with hazards at the plant, on the road, and on the job-site. Truck equipment should be maintained in good repair in order to ensure safety for the operator, ground personnel, and motorists. Follow these guidelines for safe pre-mix truck operations.

Work Site Review

Work-Site Hazards and Safety Suggestions: _____

Personnel Safety Violations: _____

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.)

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.