

Job Name: _____ Job Site Location: _____

Date: _____ Start Time: _____ Finish Time: _____ Foreman/Supervisor: _____

Topic 239: Dump Trucks

Introduction: Dump Trucks are designed for one purpose, hauling large amounts of material relatively long distances and unloading the material quickly by dumping it. Dump Trucks are often used on the jobsites similar to heavy equipment, but the driver must also operate and maneuver the Dump Truck on the highway and avoid highway hazards. The leading cause of accidents involving Dump Trucks is poor driver training.

General safety guidelines for Dump Trucks include the following:

- *All equipment left unattended* at night, adjacent to a highway in normal use, or adjacent to a working jobsite must have appropriate lights, reflectors, or barricades equipped with lights or reflectors to identify its location.
- *A safety tire rack* or cage must be used when inflating, mounting, or dismounting tires installed or split rims, or rims with a locking ring.
- *Dump bed must* be either fully lowered or properly blocked when doing repairs on it or under it. All controls must be in neutral with engine off unless the work being done requires otherwise.
- *All Dump Trucks must have* a service, parking, and emergency brake system. Whenever the Dump Truck is parked, the parking brake must be set and Dump Trucks parked on an incline must also have the wheels chocked.
- *All cab glass* must be safety glass with no distortion or cracks which presents a hazard to safe operation.

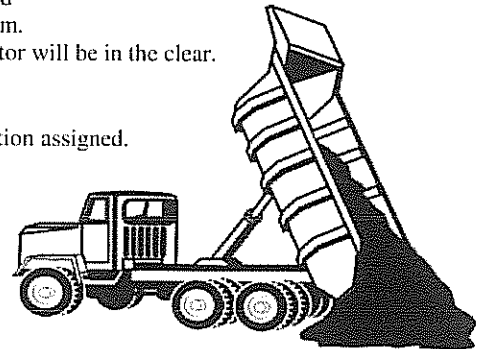


The following apply to Dump Trucks at off-highway jobsites, not open to public traffic:

- *Whenever visibility* requirements warrant additional light, Dump Trucks being used off road must be equipped with headlights and taillights.
- *All vehicles must* have operable brake lights regardless of light conditions.
- *All vehicles must* have a manually operated warning device (horn) at the driver's station in working condition.
- *All Dump Trucks* must be equipped with an automatic reverse signal audible above the surrounding noise level.
- *All vehicles* with cabs must be equipped with a windshield with power wipers. Cracked or broken windows must be replaced. *Dump Trucks* operating in areas or under conditions that cause fogging or frosting of the windshield must have operable defrosting equipment.
- *All Dump Trucks* must have a cab shield or canopy to protect the driver from shifting or falling materials.
- *Operating levers* controlling hoisting or dumping devices on haulage bodies must be equipped with a latch or other device which will prevent accidental starting or tripping of the mechanism.
- *Trip handles* for tailgates of Dump trucks must be arranged so that while dumping, the operator will be in the clear.
- *All vehicles must* have seat belts provided for the driver and any passengers.

Other precautions which should be observed for safe operation:

- *All drivers should* be properly licensed to operate commercial vehicles of the weight designation assigned.
- *Supervisors should* ensure that drivers are competent to operate the vehicle assigned.
- *Keep all* windows, mirrors, and wiper blades clean.
- *Use hand holds* and steps when getting in or out of the Dump Truck.
- *Do not allow* riders anywhere on the Dump Truck unless it is designed for riders.
- *Always check* to the rear before backing, use an observer when available.
- *Wear clothing* and protective equipment appropriate for the job.
- *Keep a charged* fire extinguisher secured in the Dump Truck cab.
- *Always be aware* of personnel working in the area.
- *Do not overfill material* in the dump-bed so that it may "fly out" of the bed while driving on the freeway. Make sure the load is properly distributed and covered if necessary; check bed rails and dump-bed apron for loose material.
- *Keep Dump Truck speed* appropriate for load, weather, road, and traffic conditions.
- *Be aware of* over head lines and obstructions before raising bed or spreading material.
- *Use caution* when dumping on unlevelled terrain.



Conclusion: As far as safety is concerned, Dump Trucks have more in common with heavy equipment than highway vehicles in their weight and destructive capabilities. Dump Truck operators should have the same level of training and should possess the same skill level with their equipment as other heavy equipment operators. Follow these guidelines for safe Dump Truck operations.

Work Site Review

Specific 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.)

City of San Angelo 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.