

# Preventing Dump Truck-related Injuries and Deaths During Construction

## *Guidance for Employers*

Injuries from dump trucks led to the deaths of 809 construction and extraction workers from 2011 to 2020. Those operating dump trucks or working nearby are at risk of multiple hazards including struck-by, tip-over from loss of vehicle control, crushing, electrical, and falls.

### Prepare and Plan for Safety

Employers should ensure that all dump truck operators are properly trained and certified. Employers should also ensure that all dump truck operators are aware of the hazards associated with operating a dump truck.

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## Provide Training

Provide training to all employees who are involved in the operation of a crane. This includes the crane operator, the signal person, and the rigger. Training should cover the following topics:

- Safety
- Operation of the crane
- Inspection and maintenance
- Load capacity
- Wind speed
- Weather conditions
- Communication
- Emergency procedures

### Train drivers

Train drivers should be trained in the following areas:

- Safety
- Operation of the crane
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- Load capacity
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### Train ground workers

Train ground workers should be trained in the following areas:

- Safety
- Operation of the crane
- Inspection and maintenance
- Load capacity
- Wind speed
- Weather conditions
- Communication
- Emergency procedures

## Use Work Site Best Practices

### Struck-By Hazards (including back-over incidents)

Struck-by hazards are a common cause of injury and death on construction sites. These hazards can occur when a worker is struck by a moving object, such as a crane, truck, or excavator. Back-over incidents are a type of struck-by hazard that occurs when a worker is struck by the rear of a vehicle. To prevent struck-by hazards, workers should follow the following best practices:

- Always wear your seat belt.
- Always use proper tie-off techniques.
- Always use proper fall protection techniques.
- Always use proper lifting techniques.
- Always use proper communication techniques.
- Always use proper safety techniques.





## Electrical Hazards

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## Falls From Dump Truck Cab or Dump Bed

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## Provide Personal Protective Equipment (PPE)

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