

3 Struck by dump truck – Inspection #1292986

A **61 year old male** employee was fatally injured when he was **struck by** a dump truck. On the day of the incident, the victim was a member of a three person crew tasked with moving a large pile of lime from the stock pile yard to an area in a nearby rock quarry. Lime is used in the asphalt manufacturing process. The victim was operating a dump truck and hauling loads of lime. Multiple trips with loads of lime were made the morning of the incident and the lime begun sticking to the bottom of the dump bed. It was determined that common practice was to scrape and clean the dump bed of the truck after a few loads were emptied. The cleaning process begins with the truck driver backing up to the lime pile and raising the dump bed. Each vehicle was equipped with a back-up alarm which made an audible beeping noise when the dump truck was placed in reverse. Then, an excavator is used to scrape all the stuck debris from the dump bed. Once this is complete the excavator operator signals the driver that the procedure is complete. The driver then lowers the dump bed and pulls the truck forward. Once the driver pulls forward, he is required to use a shovel and scrape an area at the rear of the truck to allow the tailgate to close properly. The driver had to retrieve/return a shovel that was located in the gravel area on the passenger side of his dump truck.

At this time another dump truck arrived at the debris pile to be cleaned. As that truck began backing up next to the victim's truck, the victim was struck, knocked to the ground and subsequently run over by the rear passenger side wheels. Although it is unclear why the victim moved into the path of the reversing dump truck, based on evidence collected during the investigation it is likely that he was attempting to make contact with or signal the loader operator, when he unknowingly traveled into the path of the reversing dump truck. As a result of the investigation, it was determined that the company did not ensure employees are protected from vehicular traffic when working outside their truck in the stock pile area.

Citation(s) as Originally Issued

A complete inspection was conducted at the accident scene. Some of the items cited may not directly relate to the fatality.

Citation 1 Item 1

TCA 50-3-105(1)	<p>Each employer did not furnish to each of its employees conditions of employment and a place of employment free from recognized hazards that are causing or are likely to cause death or serious injury or harm to its employees.</p> <p>In that two employees, located in the stockpile area, were exposed to a struck-by hazard when conducting work outside of the cab of their dump truck in close proximity to moving vehicles. Among other methods one feasible and acceptable abatement method to correct this hazard is to require all employees to remain inside their vehicles while in the loading area. Additionally, the employer could designate an area where employees can safely conduct the cleaning of the exterior of their truck while remaining unexposed to the vehicular traffic.</p>
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3 Struck by dump truck – Inspection #1294434

Citation 2 Item 1

TDLWD Rule 0800-01-03-.03(27)(a)	<p>The log of all work-related injuries and illnesses (OSHA Form 300), and/or the summary of work-related Injuries and Illnesses, (OSHA Form 300-A), and/or the injury and illness incident report (OSHA Form 301) or equivalent forms were not maintained by the establishment:</p> <p>Instance A In that the employer failed to maintain the OSHA 300, 300-A, and the OSHA 301 forms for the year 2015.</p> <p>Instance B In that the employer failed to maintain the OSHA 300, 300-A, and the OSHA 301 forms for the year 2016.</p> <p>Instance C In that the employer failed to maintain the OSHA 300, 300-A, and the OSHA 301 forms for the year 2017.</p>
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Photo 1 of 1 – Position of victim, victim’s dump truck (2) and the dump truck that struck the victim (1)