

A **48 year old male** employee was **electrocuted** when he raised a boom lift 20' into a 13.8kV energized overhead power line. He was in the process of conducting a safety check on the lift for a customer. He worked alone at different locations depending on where the equipment that needed repair was located.

The aerial lift was returned to the rental company with issues concerning the basket leveler. After performing maintenance on the lift, the employee performed a checkout of the lift. A checkout consists of testing all functions of the lift. To do this the employee climbed in the basket of the lift and began to operate the lift. The employee lifted the basket up and was traveling with his back to the power lines. The power lines were 34.5 feet above the ground according to Nashville Electric Services. It was determined that the employee was not aware of the proximity of the power lines. When the basket came into contact with the power line it threw the employee up from the basket, but due to the employee wearing a harness and lanyard he landed back into the basket.

According to a witness, the victim was operating the lift with one hand on the control and the other hand on the basket's top rail. He stated that the victim was looking over his right shoulder behind him, but must have not seen the power line. He stated that he heard a loud noise and saw smoke coming from the aerial lift. He stated the aerial lift's wheels caught fire and went for a fire extinguisher and help.

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

Type of Violation: Serious

\$4000

29 CFR 1910.67(c)(2)(viii): An aerial lift truck was moved when the boom was elevated in a working position with men in the basket:

In that the aerial lift was moved while the boom was elevated in a working position with the employee in the basket contacting the overhead power line.

Citation 1 Item 2

Type of Violation: Serious

\$4000

29 CFR 1910.333(c)(3)(i)(A)(I): When an unqualified person was working in an elevated position near overhead lines with voltages to ground rated at 50 kV or below, the location was not such that the person and the longest conductive object he or she could contact came closer than 10 ft. (305 cm) to any unguarded , energized overhead line:

13 Electrocution--Inspection #1479620 Equipment Repainting Services dba

In that while an employee was working closer than 10 feet to an energized electrical line rated at 13.8 kV in an aerial lift, the basket came in contact with the electrical line resulting in fatal injuries to the employee.

Citation 2 Item 1

Type of Violation: Other-than-Serious

\$200

TDLWD Rule 0800-01-03-.03(27)(a): 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:

In that an OSHA 300 log was not maintained by the employer for year 2020.

Citation 2 Item 2

Type of Violation: Other-than-Serious

\$1000

TDLWD Rule 0800-01-03-.05(1)(a)l: Within eight (8) hours after the death of any employee as a result of a work related incident, the employer did not report the fatality to the TOSHA Division of the Tennessee Department of Labor and Workforce Development:

In that the fatality of the employee that occurred on 05/30/2020 as a result of injuries sustained during an accident on 05/28/2020 at the jobsite located at 501 Davidson Street, was not reported by the employer to the Tennessee Department of Labor and Workforce Development (TOSHA).

Citation 2 Item 3

Type of Violation: Other-than-Serious

\$200

TDLWD Rule 0800-01-03-.05(1)(a)2: Within twenty-four (24) hours after the in-patient hospitalization of one or more employees or an employee's amputation or an employee's loss of an eye, as a result of a work-related incident, the employer did not report the in-patient hospitalization, amputation, or loss of an eye to TOSHA.

In that the in-patient hospitalization of the employee that occurred on 5/28/2020, as the result of an accident, at a jobsite located at 501 Davidson St, was not reported by the employer to the Tennessee Department of Labor and Workforce Development (TOSHA) within 24 hours.

