

CSI Country Wide Case Study Safety Strategy Discussion

Construction Safety Investigator



Instructions

The objective of this tool is to provide field supervisors with information to proactively engage workers and discuss safety related concerns that they may encounter. Safety discussions should not be limited to the subject above and should pertain to the activities that workers will be involved in that may have the potential for safety related exposures.

Case Day:

October 2008

Accident Type:

Aerial Lift Accident - Overhead Powerlines

Relevant laws, rules and codes may include:

29CFR 1926.20(a)(1), 1926.21(b)(2), 1926.453, 1926.454

Case:

A worker was killed when he contacted overhead power lines while working in an Aerial lift.

Accident Detail:

Two construction workers involved in the renovation of a mid-rise apartment building were working in an elevated boom lift when they came into contact with a 4,800 volt overhead electrical line.

One of the workers was maneuvering the basket section into position to begin inspection of previously installed exterior flashing, when he raised the boom up under the powerline, making contact with the victim's head.

A second worker in the lift was also injured but was able to lower the lift and call for emergency services.

Reconstructive Safety Evaluation:

- What are some of the possible causes of the accident being discussed?
- What actions could have been taken that might have prevented this accident from occurring?

