

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:

Lockout/Tagout Accident - Portable Cement Mixer

Relevant laws, rules and codes may include:

29CFR 1926.20(a)(1), 1926.20(b)(4), 1926.21(b)(2), 1926.702(j)(1)

Case:

A 21 year-old construction worker suffered serious head and other injuries after being pulled into a portable cement mixer.

Accident Detail:

The worker who was employed by a masonry contractor at a commercial building site was preparing concrete.

For unknown reasons, the worker reached into the mixer (likely to clear a jam caused by aggregate) when he was pulled arm-first into the machinery.

It took 45 minutes to free the worker from the mixer. Emergency personnel needed to use the Jaws of Life to cut the mixer apart. As a result of being pulled into the portable mixer, the worker's arm and head were impaled by the mixer's blades.

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?

