

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:

January 2009

Accident Type:

Personal Protective Equipment (PPE) Accident - Head Protection

Relevant laws, rules and codes may include:

29CFR 1926.20(a)(1), 1926.21(b)(2), 1926.100, 1926.502(j)

Case:

A construction worker suffered serious head injury when he was struck by a falling tool.

Accident Detail:

The injured worker, a laborer assigned to perform housekeeping in a new high-rise building under construction, was on the 3rd floor sweeping up construction debris.

While sweeping, he was struck in the head by a cordless drill that had fallen through a floor opening by a worker framing the floor above. The opening, cut to provide access for mechanical ductwork was protected by guardrails but did not have a toe board installed.

The worker framing the floor above allegedly set his drill down to position materials when he inadvertently kicked his drill which fell through the opening to the floor below.

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?

