

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:

August 10, 1993

Accident Type:

Power Tool Accident - Electrocution

Relevant laws, rules and codes may include:

29 CFR 1926.21(b)(2), 29 CFR 1926.400 to 1926.449

Case:

A 45 year-old electrician was electrocuted when he came into contact with an energized ½-inch metal-cased electric drill.

Accident Detail:

The victim was contracted to install electrical wiring in a residence under construction. On the day of the incident, the victim arrived at the residence and proceeded to the basement where he began using a ½-inch electric drill to drill holes in the overhead joists. He was in the process of drilling holes in the overhead joists when the incident occurred.

That afternoon, the contractor was unable to reach the victim by phone. After the victim failed to respond to phone calls, the contractor went to the work site where he found the victim lying in a puddle of water on the cement floor with the drill lying under him.

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?

