

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 2007

Accident Type:

Ladder Accident - Improper Use

Relevant laws, rules and Manual codes may include:

29 CFR 1926.21(b)(2), 29 CFR 1926.1053(b), MIOSHA PART 11, RULE 1124(2), PART 1, RULE 114(1),

Case:

Carpenter fatally injured when ladder slips out of position

Accident Detail:

A carpenter (victim) jumped/fell from a ladder that slipped away from the drip edge of a house. The decedent positioned the fiberglass extension ladder diagonally across the inside corner of the roof to secure a 2-inch by 4-inch piece of wood to the fascia under the drip edge to protect the drip edge. The ladder's safety feet were in an up position on the frozen soil.

He called to his coworker to hold the ladder while he accessed the roof area. The decedent and the coworker who himself was the owner of a construction company were building a "spec" home. The coworker stood underneath the ladder and held the rungs with his hands. The decedent climbed the ladder holding the wood when the base of the ladder slipped away from the house. The falling ladder struck the coworker on his shoulder and arm and knocked him to the ground. The decedent fell to the coworker's left and landed on his back.

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?

