

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:

June 2007

Accident Type:

Blasting Accident - Flying Debris

Relevant laws, rules and codes may include:

29CFR 1926.20(a)(1), 1926.21(b)(2), 1926.900(h) & (i), 1926.905(i), 1926.909(a), (b) & (e)

Case:

One worker was killed and another was injured when they were struck by flying rock.

Accident Detail:

The deceased worker was one of two men performing maintenance on equipment used during strip mining operations. The two men had arrived at the location where the equipment was parked and began to perform their maintenance tasks.

While they were performing the equipment maintenance, blasters nearby prepared for the next blast as part of the quarry operation. A short time later the blast was carried out. Debris from the blast was sent flying through the air toward and striking the two maintenance workers. One worker was struck in the head, suffering fatal injuries and the other suffered only minor injuries.

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?

