

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:

Unknown

Accident Type:

Confined Space Accident

Relevant laws, rules and codes may include:

29 CFR 1926.21(b)(2), 29 CFR 1926.21(b)(6)(i) and (b)(6)(ii), 29 CFR 1926.103(a)(1) and 1910.134

Case:

A worker died as a result of asphyxiation when he entered into a manhole to perform his task.

Accident Detail:

In order for a worker to perform his task, he needed to access a 21-foot deep manhole. To provide a means to access the interior of the manhole, a chain was looped and attached to a hoist line, which the worker sat in and was then lowered into the manhole.

The worker was lowered approximately 17 feet into the manhole when twenty seconds later he started gasping for air and fell from the chain seat face down into the accumulated water at the bottom of the manhole.

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?

