

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:

September 2009

Accident Type:

Fire Protection Accident - Torch Cutting a Drum

Relevant laws, rules and codes may include:

29CFR 1926.20(a)(1), 1926.21(b)(2), 1926.352

Case:

a maintenance yard worker was severely burned while attempting to cut the top off of a 55-gallon drum.

Accident Detail:

The worker, who was employed by a construction company, was assigned to work in the equipment/maintenance yard.

During his shift, he was asked to cut the tops off of empty 55-gallon drums, which would then be used for storage of nuts and bolts and other parts.

While using an oxy/acetylene torch to cut the tops off, one drum suddenly exploded

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?

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