

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:

October 6, 2009

Accident Type:

Crane Accident - Equipment Maintenance

Relevant laws, rules and codes may include:

29CFR 1926.20(a)(1), 1926.21(b)(2), Mfr. Safe Work Procedures for Equipment Maintenance

Case:

A crane oiler received a serious hand injury while lubricating the boom's wire rope.

Accident Detail:

The crane oiler was performing routine maintenance on the crane by "hands-on" pouring of lubrication onto a crane's, boom elevating wire rope. This task is performed while the crane's boom is raised and lowered up and down.

The oiler had completed lubricating the wire rope while the boom was lowered down and was preparing to begin oiling the rope while it was being raised when the oiler's glove and oil rag were caught and pulled into and between the close clearance of the guide sheave and dereeve bar.

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?

