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:

November 2008

Accident Type:

Personal Protective Equipment Accident - Eye Injury

Relevant laws, rules and codes may include:

29CFR 1926.20(a)(1), 1926.21(b)(2), 1926.102

Case:

An iron worker suffered a serious eye injury when a metal fragment flew up and became lodged in his eye.

Accident Detail:

The iron worker was employed by a steel erection contractor hired to erect the steel for a new warehouse facility.

At the time of the incident, the worker was bolting up steel members. During the bolt up process, the worker was hammering a steel pin into a hole when a piece of galvanized coating broke off and flew up into his right eye.

The worker was taken to a local area hospital where he underwent surgery to have the embedded fragment removed.

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?





Accident Scene Conclusion:

The investigation revealed that the iron worker was not wearing appropriate safety glasses at the time this occurred. He was wearing a pair of sun glasses he brought from home that did not have side protection or meet other required safety standards. Eye protection was not enforced on this project.

Preventive Safety Measures Include:

- All operations are preplanned using a Job Safety Task Analysis (JSTA) to ensure potential safety hazards associated with an
 operation are identified and appropriate steps are taken to eliminate or control them.
- Workers should be trained in the hazards of the work they are to perform, the personal protective equipment (PPE) and safe work procedures necessary to perform their assigned tasks.
- Employers should ensure workers involved in operations or who are working with machines or operations where there is the potential for eye injury are provided with approved eye and face protection (ANSI Z-89.1-1968).
- To prevent eye and face injuries, a policy should be adopted that requires 100 percent use of eye protection by all employees.

Attendance Roster		

Reference: This case is fictitious, and any resemblance to any persons, living or dead, is entirely coincidental. However, the type of accident described in this case summary happens all too often on construction sites.

Chubb. Insured.[™]

2

Chubb is the marketing name used to refer to subsidiaries of Chubb Limited, providing insurance and related services. For a list of these subsidiaries, please visit our website, www.chubb.com. Insurance is provided by ACE American Insurance Company and its U.S. based Chubb underwriting company affiliates. All products may not be available in all states. This communication contains product summaries only. Coverage is subject to the language of the policies as actually issued. Surplus lines insurance is sold only through licensed surplus lines producers. Loss control evaluations, reports, recommendations and services are made solely to assist the insurer in underwriting and loss control and are not to be construed as an added benefit for the insured, property owner or any other party (this may not apply if loss control services are purchased separately and specifically pursuant to a service agreement). Evaluation for any hazard or condition does not imply that it is covered under any policy. Chubb is the world's largest publicly traded property and casualty insurance group. With operations in 54 countries, Chubb provides commercial and personal property and casualty insurance, personal accident and supplemental health insurance, reinsurance and life insurance to a diverse group of clients. Chubb Limited, the parent company of Chubb, is listed on the New York Stock Exchange (NYSE: CB) and is a component of the S&P 500 index.