

Sample Lesson Plan
Construction Industry Training Program
Job Hazard Analysis

Introduction

A hazard is the potential for harm. In practical terms, a hazard often is associated with a condition or activity that, if left uncontrolled, can result in an injury or illness. A job hazard analysis is a technique that focuses on job tasks as a way to identify hazards before they occur. It focuses on the relationship between the worker, the task, the tools, and the work environment.

Instructor's Activities

- PowerPoint presentation
- Participant feedback

Learning Objectives and Outcomes

I. Jobs that call for a job hazard analysis

- A. Jobs with the highest injury or illness rates
- B. Jobs with the potential to cause severe or disabling injuries or illness, even if there is no history of previous accidents
- C. Jobs in which one simple human error could lead to a severe accident or injury
- D. Jobs that are new to your operation or have undergone changes in processes and procedures
- E. Jobs complex enough to require written instructions

II. Effective analysis covers

- A. Where it is happening (environment)
- B. Who or what it is happening to (exposure)
- C. What precipitates the hazard (trigger)
- D. The outcome that would occur should it happen (consequence)
- E. Any other contributing factors

III. Goals of a Job Hazard Analysis

- A. What can go wrong?
- B. What are the consequences?
- C. How could it arise?
- D. What are other contributing factors?
- E. How likely is it that the hazard will occur

References

OSHA Publications

- <http://www.osha.gov/pls/publications/pubindex.list>
- **3077 Job Hazard Analysis**

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