

## **LESSON PLAN**

### **Worksite Hazard Analysis 1-Hour Module**

#### **Overview**

In the context of a comprehensive safety and health management system, worksite hazard analysis is an important component. It is impossible for a facility to prevent and control hazards without knowing the nature of hazards to which their employees might be exposed. This module will look at several components of worksite hazard analysis and give examples of how to utilize these components as part of a safety and health management system.

#### **Topics to be covered**

- a. Comprehensive Site Surveys
- b. Change Analysis
- c. Job Hazard Analysis
- d. Site Inspections/Audits

#### **Objectives**

Upon completion of this topic students should be able to:

- a. Explain the elements of worksite hazard analysis and their purpose

#### **Training Resources**

- a. PowerPoint Presentation with instructor notes (Black and White)

#### **Hour 1**

- I. Review of lesson objectives
- II. Comprehensive Site Surveys:
  - a. Define the need for comprehensive site surveys and discuss how they might be performed.
- III. Change Analysis:
  - a. Discuss the need for a change analysis program and give examples of elements to consider.
- IV. Job Hazard Analysis:
  - a. Discuss the basic method for conducting job hazard analysis.
  - b. Go through a sample exercise as a class.

- c. Break into smaller groups and perform another sample exercise job hazard analysis in groups. Discuss with class upon completion.
- V. Site Inspections/Audits:
  - a. Discuss methodology for conducting site inspections/audits.
  - b. Go through examples with the class.
- VI. OSHA e-Tools
  - a. Safety and Health Management Systems E-Tool.

### **Activities and Classroom Procedures**

- a. Training Techniques
  - Give examples of potential hazards during discussion of inspections
  - Ask for examples from students
  - Use PowerPoint slides with OSHA e-Tools to overview worksite hazard analysis techniques

### **Evaluation and Assessment**

- a. Interactive conversations