



Training Solutions, Delivered!

# **CONSTRUCTION'S FATAL FOUR HAZARDS: OVERVIEW**

**Leader's Guide, Fact Sheet  
& Quiz**

**Item Number: 5246**  
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*This easy-to-use Leader's Guide is provided to assist in conducting a successful presentation.*

## **PREPARING FOR THE MEETING**

Here are a few suggestions for using this program:

- a) Review the contents of the Fact Sheet that immediately follows this page to familiarize yourself with the program topic and the training points discussed in the program. The Fact Sheet also includes a list of Program Objectives that details the information that participants should learn from watching the program.
- b) If required by your organization, make an attendance record to be signed by each participant to document the training to be conducted.
- c) Prepare the area and equipment to be used for the training. Make sure the watching environment is comfortable and free from outside distractions. Also, ensure that participants can see and hear the TV screen or computer monitor without obstructions.
- d) Make copies of the Review Quiz included at the end of this Leader's Guide to be completed by participants at the conclusion of the presentation. Be aware that the page containing the answers to the quiz comes before the quiz itself, which is on the final page.

## **CONDUCTING THE PRESENTATION**

- a) Begin the meeting by welcoming the participants. Introduce yourself and give each person an opportunity to become acquainted if there are new people joining the training session.
- b) Introduce the program by its title and explain to participants what they are expected to learn as stated in the Program Objectives of the Fact Sheet.
- c) Play the program without interruption. Upon completion, lead discussions about your organization's specific policies regarding the subject matter. Make sure to note any unique hazards associated with the program's topic that participants may encounter while performing their job duties at your facility.
- d) Hand out copies of the review quiz to all of the participants and make sure each one completes it before concluding the training session.

## **5246 CONSTRUCTION'S FATAL FOUR HAZARDS: OVERVIEW FACT SHEET**

**LENGTH: 2:50 MINUTES**

### **PROGRAM SYNOPSIS:**

A construction jobsite can be dangerous and contains hazards that can quickly injure or kill construction workers. Due to the nature of construction work, these hazards are constantly changing as the construction project enters and completes the various stages of construction. Known as the "Fatal Four" or the "Focus Four", these hazards include: Struck-By Hazards, Caught-In or Caught-Between Hazards, Fall Hazards, and Electrocutation Hazards. All construction workers must be aware of these "Fatal Four Hazards" and follow the safe work practices and procedures required to prevent construction related injuries and fatalities.

### **PROGRAM OBJECTIVES:**

After watching the program, the participant should be able to explain the following:

- The fatal four construction hazards;
- The common causes of the fatal four;
- Why PPE is a vital part of keeping you safe;
- Why being aware of surroundings is important;
- How ensuring tools and equipment are in good working order keep one safe;
- The importance of safety devices and using them properly.

### **INSTRUCTIONAL CONTENT:**

#### **CONSTRUCTION'S FATAL FOUR HAZARDS OVERVIEW**

- A construction jobsite can be dangerous and contains hazards that can quickly injure or kill construction workers.
- Due to the nature of construction work, these hazards are constantly changing as the construction project enters and completes the various stages of construction.
- Unfortunately, many construction workers do not recognize or understand these hazards and do not always follow the safe work practices necessary to prevent injury.
- In fact, over 5,000 construction workers are killed and over 150,000 are injured each year.
- In an effort to reduce the high number of construction-related injuries and fatalities, The Occupational Safety and Health Administration, OSHA, has identified the four most common causes of injuries and fatalities in construction.
- Known as the "Fatal Four" or the "Focus Four", these hazards include: Struck-By Hazards, Caught-In or Caught-Between Hazards, Fall Hazards, and Electrocutation Hazards.
- OSHA's "Fatal Four" construction hazards account for more than 60% of all construction related injuries and fatalities.
- Common causes of Struck-By Injuries include being struck by falling objects or flying objects, being struck by rolling objects or swinging objects and being struck by moving vehicles or other moving equipment.
- Common Causes of Caught-In or Caught-Between Injuries include having a hand or body part become caught in the blade of a power tool, being caught in moving machinery or rotating parts, becoming caught in collapsing soil or collapsing structures and being caught between moving equipment and a solid object
- Common causes of fall related injuries in construction include a lack of proper guardrails on scaffolds or other unprotected edges, the improper use of ladders and workers failing to properly use a personal fall arrest system when required.

- And finally, some common causes of construction workers being electrocuted include the use of damaged extension cords, not using a Ground Fault Circuit Interrupter (GFCI) when required and inadvertently making contact with energized circuits or overhead power lines.
- All construction workers must be aware of these “Fatal Four Hazards” and follow the safe work practices and procedures required to prevent construction related injuries and fatalities.

## CONSTRUCTION'S FATAL FOUR HAZARDS: OVERVIEW

### ANSWERS TO THE REVIEW QUIZ

1. a

2. a

3. e

**CONSTRUCTION'S FATAL FOUR HAZARDS: OVERVIEW**  
**REVIEW QUIZ**

Name \_\_\_\_\_ Date \_\_\_\_\_

*The following questions are provided to determine how well you understand the information presented in this program.*

1. A construction jobsite contains hazards that can injure or kill construction workers.
  - a. True
  - b. False
  
2. OSHA refers to the four most common causes of injuries and fatalities as the "Focus Four" or the "Fatal Four."
  - a. True
  - b. False
  
3. Which of the following is not one of the Fatal Four?
  - a. Struck-By Hazards
  - b. Caught-In or Caught-Between Hazards
  - c. Fall Hazards
  - d. Electrocution Hazards
  - e. Driving Hazards