

Learning Objectives

Online OSHA Outreach Training 10-Hour Construction

Course Goal

Upon the successful completion of this course, you will be able to discuss your rights, employer responsibilities, and how to file a complaint as well as how to identify, abate, avoid, and prevent job-related hazards in the construction industry.

Module 1: Introduction to OSHA

Terminal Objective

Given OSHA historical events and current information, the student will be able to explain the importance of OSHA in providing a safe and healthful workplace to workers covered by OSHA.

Enabling Objectives

1. Explain why OSHA is important to workers.
2. Explain worker rights under OSHA.
3. Discuss employer responsibilities under OSHA.
4. Discuss the use of OSHA standards.
5. Explain how OSHA inspections are conducted.
6. Utilize helpful worker safety and health resources.

Module 2: Construction Focus Four: Fall Hazards

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize fall hazards in construction.

Enabling Objectives

1. Identify major hazards.
2. Describe types of hazards.
3. Protect him/herself from these hazards.
4. Recognize employer requirements to protect workers from these hazards.

Module 3: Construction Focus Four: Caught in- or -Between Hazards

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize caught-in or –between hazards in construction.

Enabling Objectives

1. Identify major hazards.
2. Describe types of hazards.
3. Protect him/herself from these hazards.
4. Recognize employer requirements to protect workers from these hazards.

Module 4: Construction Focus Four: Struck-by Hazards

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize struck-by hazards in construction.

Enabling Objectives

1. Identify major hazards.
2. Describe types of hazards.
3. Protect him/herself from these hazards.
4. Recognize employer requirements to protect workers from these hazards.

Module 5: Construction Focus Four: Electrocuting Hazards

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize electrocuting hazards in construction.

Enabling Objectives

1. Identify major hazards.
2. Describe types of hazards.
3. Protect him/herself from these hazards.
4. Recognize employer requirements to protect workers from these hazards.

Module 6: Personal Protective and Lifesaving Equipment

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to select personal protective and lifesaving equipment that provide appropriate protection for common construction industry hazards.

Enabling Objectives

1. Specify the two primary means of protecting employees from workplace hazards, prior to considering personal protective equipment (PPE).
2. Identify at least four of the seven training topics for employees who are required to use PPE.
3. Identify at least three elements of an appropriate PPE program.
4. Identify types of PPE used to protect eyes, face, head, feet, hands and arms, bodies, and hearing.
5. Match the PPE described in this lesson to at least one hazard for which it is appropriate protection.

Module 7: Health Hazards in Construction

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize best practices for abating health hazards found in construction industry workplaces.

Enabling Objectives

1. Identify information that employers must make available to employees through a Hazard Communication Program.
2. Identify common health hazards encountered on construction worksites.
3. Identify the different types of hearing protection that might be used on a construction worksite.
4. Identify the different type of respiratory protection that might be used on a construction worksite.

Module 8: Cranes, Derricks, Hoists, Elevators, and Conveyors

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize hazards and best practices associated with cranes, derricks, hoists, elevators, and conveyors.

Enabling Objectives

1. Identify the major causes of crane, derrick, hoist, elevator, and conveyor accidents.
2. Describe the pre-planning that is required before putting a crane in use.
3. Select best practices to abate hazards of cranes, derricks, hoists, elevators, and conveyors.

Module 9: Excavations

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize hazards and best practices associated with excavations and trenching.

Enabling Objectives

1. Identify hazards associated with excavations and trenches, including the hazard that poses the greatest risk.
2. Identify the three main methods for protecting employees from cave-ins.
3. Identify three factors that pose a hazard to employees working in excavations, and at least one way to eliminate or reduce each hazard.
4. Review the role of a competent person at an excavation or trenching site.

Module 10: Materials Handling, Storage, Use, and Disposal

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize hazards and best practices associated with materials handling, storage, use, and disposal.

Enabling Objectives

1. Identify the main injuries associated with material handling, storage, use, and disposal and the injuries that may occur from these activities.
2. Select methods that can be used to prevent injuries when performing manual lifting.

3. Select methods that can be used to eliminate hazards when using forklifts, cranes, or slings to handle materials.
4. Select methods that can reduce or eliminate hazards when storing, using, or disposing of materials.

Module 11: Scaffolds

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize hazards and best practices associated with scaffolds.

Enabling Objectives

1. Recognize the types of scaffolds commonly used on construction sites.
2. Identify the hazards to which persons working on scaffolds are exposed.
3. Select methods that can eliminate or reduce scaffolding hazards.
4. Select examples of incorporating the three essential elements of safe scaffold construction.

Module 12: Stairways and Ladders

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize hazards and best practices associated with stairways and ladders.

Enabling Objectives

1. Identify types of hazards that are predominant when using stairs or ladders at a construction site.
2. Identify four safety guidelines or requirements that reduce or eliminate slipping, tripping, or falling hazards on stairs in use at a construction site.
3. Identify at least four safety practices or requirements that reduce or eliminate slipping, tripping, or falling hazards when ladders are in use at a construction site.

Module 13: Tools – Hand and Power

Terminal Objective

Given current OSHA and industry information regarding construction worksite illnesses, injuries, and/or fatalities, the student will be able to recognize hazards and best practices associated hand and power tools.

Enabling Objectives

1. Identify hazards to which workers may be exposed when using hand and power tools.
2. Identify at least three basic hand and power tool safety rules.
3. Identify at least two precautions that are essential to safe use of hand tools, electrically powered tools, abrasive wheels and tools, pneumatically powered tools, liquid fuel tools, hydraulically powered tools, and powder actuated tools.
4. Name at least two guarding techniques or principles that apply to hand and power tools.