

# Health Hazards in Construction

## Course Description

This online course takes an overview of the hazards, risk factors, risk assessments, controls, and regulations that apply to the construction industry.

We start by looking at statistics showing that construction has the highest death rate in the private industry sector.

You'll learn about OSHA regulations and risk assessments, before we examine construction site hazards and effective safety procedures in detail.

Mechanical hazards covered include plant, equipment, vehicle injuries and vibration, along with physical hazards such as slips, trips, falls, working at height, electricity, manual handling, and workplace violence.

Focusing on chemical hazards, we examine fire, explosions, toxic chemicals, asbestos, silica dust, lead in paint, welding fumes, and carbon monoxide poisoning.

Biological hazards covered include Lyme Disease, histoplasmosis, stinging insects, poison oak, ivy, and sumac, needlestick injuries, and the hazards associated with working near water.

Ergonomic hazards are highlighted, such as, repetitive actions, lifting, and intense hand-work.

Coverage of environmental hazards, includes workplace stress, trenches, confined spaces, noise, extreme cold and heat, horseplay, bad attitudes, and poor general management.

We'll discuss how to protect yourself against workplace hazards, including personal protective equipment and training, plus a range of effective safety tips, and how DOSH consultancy services can help.

Construction Safety Management is crucial and we'll examine the benefits and detail the production of an effective Safety Plan.

## Learning Objectives

By the end of this course you will:

- Understand the reasons working safely in the construction industry is so important.
- Be familiar with OSHA Regulations relating to the industry.
- Be able to identify different types of hazards in the workplace.
- Know how to deal with various hazards, including using the right techniques, equipment or PPE to reduce the potential impact of them.
- Understand the benefits of an effective safety plan.

## Target Audience

This course is aimed at everyone working in the construction industry and covers a wide range of hazards that could be present across worksites.

## Advantages

Online training is flexible, efficient and cost effective meaning the candidate can progress through the modules at their own pace and in their own time, so they can fit the training around their work and personal life.

## Modules

Course	Module Number	Module Name	Pass % Required
Health Hazards in Construction	1	Introduction	70
Health Hazards in Construction	2	Mechanical Hazards including Plant and Equipment	70
Health Hazards in Construction	3	Electricity, Manual Handling and Workplace Violence	70
Health Hazards in Construction	4	Chemical Hazards	70
Health Hazards in Construction	5	Biological Hazards	70
Health Hazards in Construction	6	Needlestick Injuries and Ergonomic Hazards	70
Health Hazards in Construction	7	Environmental Hazards	70
Health Hazards in Construction	8	PPE and Training	70
Health Hazards in Construction	9	Construction Safety Management	70

### Recommended System Requirements

- Browser: Up to date web browser
- Video: Up to date video drivers
- Memory: 1Gb+ RAM
- Download Speed: Broadband (3Mb+)

**Duration:** 90 minutes (*Note: This is based on the amount of video content shown and is rounded off. It does not account in any way for loading time or thinking time on the questions*).