



**RENEW SAFETY**

POWER PRODUCTION - CONSTRUCTION - INDUSTRIAL

# Chemical Safety Handling

Participants learn how workers safely handle hazardous chemicals by recognizing chemical hazards, understanding labeling systems, and following proper storage and handling procedures used in industrial and construction environments.



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# OUR COURSE OVERVIEW

**This comprehensive course provides essential training for workers who handle or work around hazardous chemicals in construction and industrial environments.**

Participants learn how to recognize chemical hazards and understand how exposure can occur through inhalation, skin contact, ingestion, or accidental chemical release.

Safety training is most effective when workers understand both the hazards and the procedures used to control them. This course combines regulatory knowledge with practical workplace guidance to help organizations maintain safe chemical handling practices.

The course explains procedures required for safe chemical handling, including chemical labeling, Safety Data Sheets (SDS), proper storage practices, and safe transfer of chemicals.

Through practical instruction and regulatory guidance, participants gain the knowledge required to handle chemicals safely and maintain safe working conditions when hazardous substances are present.



# KEY LEARNING OBJECTIVES

## What You Will Learn

- Understand OSHA Hazard Communication (HazCom) requirements.
- Recognize common chemical hazards in the workplace.
- Interpret chemical labels and Safety Data Sheets (SDS).
- Identify safe chemical handling and storage practices.
- Recognize routes of chemical exposure and associated risks.
- Follow procedures for chemical spill response and reporting.
- Understand protective measures used when handling chemicals.

Together, these key learning objectives help participants understand chemical hazards and the procedures required to safely handle hazardous substances in the workplace.



## Chemical Hazard Awareness

Participants learn how hazardous chemicals can create workplace risks through inhalation, skin absorption, ingestion, or accidental release. Training focuses on recognizing chemical hazards and understanding how exposure can affect worker health and safety.

## Safe Chemical Handling and Storage Practices

The course explains how labeling systems, Safety Data Sheets, and workplace procedures help workers manage chemical risks. Participants learn how proper handling, storage, and protective measures reduce the likelihood of chemical exposure incidents.



# COURSE DETAILS

## Prerequisites

No prior chemical safety training is required for this course. Participants should have a basic understanding of workplace safety practices and be familiar with common tasks performed in industrial or construction environments.

## Certification

Upon its successful completion, participants do receive a certificate of completion demonstrating training in chemical safety handling and hazard communication awareness.

## Compliance

This course aligns with the OSHA Hazard Communication Standard (29 CFR 1910.1200), which requires workers to understand chemical hazards, labeling systems, Safety Data Sheets, and safe handling practices.

## Target Audience

This course is intended for construction workers, maintenance personnel, technicians, supervisors, and other employees who handle or work around hazardous chemicals in industrial or construction environments.



|              |     |
|--------------|-----|
| Course Code: | N/A |
| Format:      | N/A |
| Duration:    | N/A |

# WHY TAKE THIS COURSE?

## The Importance of Chemical Safety Handling

- Hazardous chemicals can cause serious injuries, illness, or long-term health effects if handled improperly.
- Chemical labels and Safety Data Sheets provide critical information workers need to understand chemical risks.
- Safety training helps workers prevent exposure incidents and maintain safer chemical handling practices.

Chemical safety handling training helps workers recognize chemical hazards and follow procedures that reduce exposure risks. By understanding labeling systems, storage practices, and protective measures, workers can safely handle hazardous substances while protecting themselves and others.

## Preparing Workers for Safe Chemical Handling

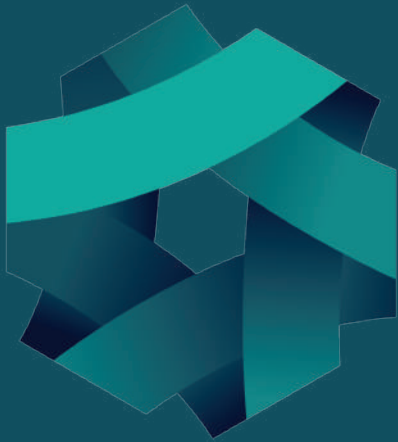
This course provides practical instruction that helps workers understand chemical hazards and the procedures used to control them. Participants learn how to identify hazardous substances and apply safe handling practices during everyday work activities.

Training improves preparedness by ensuring workers understand labeling systems, protective equipment, and procedures used to manage chemical hazards.

## Supporting Safety Compliance

Chemical safety training helps organizations meet OSHA hazard communication requirements. Employers must ensure workers understand chemical hazards, labeling systems, and the protective measures required when handling hazardous materials.





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[info@renewsafety.com](mailto:info@renewsafety.com)



(503) 849 2237

Contact us to learn more about  
course availability, group training,  
and customized fall rescue instruction.

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