Course Title

Hazard Communication

Course Duration

1 Hour

Overview

Workers are subject to serious health effects, chemical burns, respiratory damage, and potentially fatal injuries due to exposure to hazardous chemicals in the workplace, with approximately 30 million workers exposed to one or more chemical hazards annually. Many workplace chemical injuries and illnesses can be prevented through proper hazard communication, appropriate labeling, and adequate employee training on chemical safety. This interactive online course will teach you how to identify and classify chemical hazards using OSHA's Hazard Communication Standard and the Globally Harmonized System (GHS), including physical and health hazard categories. Additionally, you will learn container labeling requirements, safety data sheet (SDS) responsibilities, and how to assess, analyze, and minimize workplace chemical risks through the hierarchy of controls.

Prerequisites

No prerequisites required.

Behavioral Objectives

By the end of this course, you will be able to:

- Describe the basics of the Hazard Communication Standard.
- Explain how a substance or mixture is classified as a hazard using physical and health hazard criteria.
- Identify ways to assess, analyze, and minimize workplace risks from hazardous chemicals.
- Identify employer responsibilities for providing employee access to safety data sheets.
- Explain container labeling requirements, including requirements for secondary container labeling and alternative labeling methods.
- Describe the information and training employers must provide to their employees regarding chemical hazards.

Course Outline

Chapter	Minutes
Introduction	3
Chapter 1: The OSHA Hazard Communication Standard	8
Chapter 2: Classifying Chemical Hazards	10
Chapter 3: Assess, Analyze, and Minimize Workplace Risk	8
Chapter 4: Safety Data Sheets	7
Chapter 5: Container Labeling Requirements	8
Chapter 6: Information and Training Requirements	8
Conclusion / Summary	3
Course Total	**55**
+ Knowledge Checks (10% Course Total)	**5.5**
+ Supporting Documents (word count / 145)	**0**
= Grand Total	**60.5**

Chapter	Minutes
Continuing Education Hours	**1 hour**
CEUs	**.10**

Availability

This course is offered online and is available 24 hours a day, 7 days a week, 365 days a year.

Training Methodology & Evaluation

This course is self-paced online training. Review exercises reinforce the content, and students are evaluated with a multiple-choice exam. Upon completion, students are prompted to submit a course evaluation.

References

- Emergency Planning and Community Right-to-Know Act (EPCRA). (2022, September 2). Environmental Protection Agency. https://www.epa.gov/epcra
- Federal Motor Carrier Safety Administration. (2022, July 18). How to comply with federal hazardous materials regulations. https://www.fmcsa.dot.gov/regulations/hazardous-materials/how-comply-federal-hazardous-materials-regulations
- Occupational Safety and Health Administration. (2019). *Workers' rights.* United States Department of Labor. https://www.osha.gov/sites/default/files/publications/osha3021.pdf
- Occupational Safety and Health Administration. (n.d.). *A guide to the globally harmonized system of classification and labeling of chemicals (GHS).* United States Department of Labor. http://www.osha.gov/dsg/hazcom/ghs.html#1.6
- Occupational Safety and Health Administration. (n.d.). Hazard communication standard: 29 CFR 1910.1200. http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=standards&p_id=10099

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