

**COURSE TITLE**

Water Industry Hazard Communication

**COURSE DURATION**

1 hour

**OVERVIEW**

Exposure to hazardous chemicals can present numerous dangers to workers. More than 30 million workers are exposed to one or more chemical hazards across various industrial sectors. And with hundreds of new hazardous chemicals being introduced annually in addition to the estimated 650,000 already existing hazardous chemical products, the risk is increasing every year. This poses a serious problem for many workers and their employers.

OSHA's Hazard Communication Standard (HCS), sometimes referred to as the Right-to-Know regulation, is designed to ensure that information about these dangers is shared with those who need to know. Chemical manufacturers, distributors, and importers must convey hazard information to downstream employers by means of labels on containers and safety data sheets (SDSs). In addition, all covered employers must have a hazard communication program to get this information to their employees through labels on containers, SDSs, and training. This course covers the HCS with an emphasis on what it is and how to comply, and incorporates recent changes made to the standard in accordance with the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals. HCS provides guidelines to help prevent chemical hazard incidents and the adverse health effects that may result.

This training course has 9 learning modules with a 10-question exam.

**PREREQUISITES**

No prior knowledge is required.

**BEHAVIORAL OBJECTIVES**

After successfully completing this course, you will be able to:

- explain the need for hazard communication in the workplace
- describe employers' responsibilities under the Hazard Communication Standard (HCS 2012)
- determine whether a substance is classified as a hazard based on physical and health hazard criteria
- read an SDS and label to obtain hazard information for a chemical
- protect yourself from hazardous chemicals by following appropriate work practices and using the proper personal protective equipment

**COURSE OUTLINE**

- The OSHA Hazard Communication Standard (HCS)
- Classifying Hazardous Chemicals
- Chemical Mixtures
- Assessing & Analyzing the Workplace for Chemical Hazards
- Minimizing the Risks of Hazardous Chemicals
- Safety Data Sheets
- Container Labeling
- Information & Training
- Written Hazard Communication Plans

**REGULATORY REFERENCE**

OSHA 29 CFR 1910.1200

**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 and case studies reinforce the content, and students are evaluated with a multiple choice exam. Upon completion, students are prompted to submit a course evaluation.