



<b>Course Name</b>	<b>Safety for Plumbers</b>
<b>Credit Hours</b>	4 Hours
<b>Instructor(s)</b>	Randy Drake
<b>Fee</b>	\$49.00
<b>Reference Materials</b>	OSHA Standard 29 CFR 1926

### **Course Description**

This online course is designed to provide plumbers with instruction on safety concerns and standards that affect them and their professional operations. The content of the course will cover a number of topics including general workplace safety, hazardous substances, flammable and combustible materials, commonplace hazards, and physical strains experienced by plumbers.

### **Learning Objectives**

At the completion of the course, plumbers will be able to:

- Safely and successfully operate as a plumber
- Recognize substances that could pose a threat to health and safety and take appropriate measures to mitigate or remove them
- Safely carry out plumbing tasks around fuel gas and other flammable, combustible, or explosive substances
- Recognize common workplace threats to health and safety, such as sulfur dioxide, raw sewage, and rodents, and take appropriate measures to mitigate the danger they pose
- Properly administer a respirator program for workers
- Operate in a manner that reduces the occurrence of physical strains and cumulative injuries
- Successfully operate in circumstances with extreme temperatures
- Operate in a manner that significantly reduces chances of injury from burns, flying particles, tools, slips, trips, and falls
- Operate in a manner that protects oneself and others from injuries related to electricity
- Maintain a safe worksite and safe working conditions

### **Equipment Requirements**

You must have an active, working internet connection to access this course online, as well as a platform to access the internet, such as a computer, tablet, or phone. All popular web browsers are supported, including Google Chrome, Mozilla Firefox, Safari, and Opera. No specialized software, speaker, microphone, or web camera is required.

## **Schedule and Location**

This course is available online at any time at [www.TradesmanCE.com](http://www.TradesmanCE.com). Upon enrolling in the course, students will have access for 365 days or until the agency-issued course expiration date, whichever comes first. After the access expiration date, the student may re-activate their course if the course approval has not expired. If they do not re-activate, the course will be removed from the student's account and any progress in the course will be lost. Before the access expiration date, the student may sign in and out of the course as many times as needed to complete the course.

## **Student Support**

Both general and technical support is available to the student before, during, and after taking the course online. Students have access to general customer support via phone, chat, and email. Students have access to the course instructor via email. All questions, concerns, and comments received will be responded to within one business day.

## **Participation/Interactivity Verification**

Timed Logs - Per our company's record retention policy, each student's every log-in, log-out, and lesson/assessment completion time is tracked and retained as part of the student record.

Review Questions - After each section of text, students must answer a review question. Students cannot progress in the course until the question between sections has been answered correctly.

Global Timer - Students will not get credit until they spend a minimum of 200 active minutes total in the course.

## **Identity Verification**

Unique Username/Password - Each student that wants to complete a training course with us must create an account by registering a unique personal email address and password. The student must enter this unique identifier every time they take a break from the course.

## **Assessment Details**

Review Questions - The licensee must complete all multiple-choice questions between sections correctly to get credit for the course. If their first response is incorrect, students will have to try again until they choose the correct answer.

## Safety for Plumbers Timed Outline

Section	Title	Questions	Minutes
1	<b>Introduction</b> This segment introduces the course and the topics that will be discussed.	1	5
2	<b>Overview of Workplace Safety</b> This segment is a general overview of safety concerns that confront plumbers.	3	18
3	<b>Overview of Workplace Safety - OSHA General Safety and Health Regulations</b> This segment discusses the OSHA regulations that address the general safety and health of worksites.	3	12
4	<b>Hazardous Substances and Environmental Risks</b> This segment covers the risks posed by lead and asbestos.	3	23
5	<b>Other Hazardous Substances &amp; Environmental Risks</b> This segment focuses on the risks associated with mold, industrial adhesives and solvents, and mercury.	3	13
6	<b>Flammable or Combustible Material</b> This segment covers the dangers of fuel gas. This segment also explores OSHA's fireprotection and fire prevention regulations.	4	25
7	<b>Workplace Hazards</b> This segment deals with hazardous gases and where and how plumbers may encounter them.	3	6
8	<b>Workplace Hazards - OSHA Regulations for Respiratory Protection</b> This segment discusses the OSHA regulations that are concerned with respirators and respiratory protection.	3	25
9	<b>Workplace Hazards - Biohazards</b> This segment addresses other workplace hazards including raw sewage and rodents.	3	9
10	<b>Physical Strains</b> This segment talks about common physical conditions suffered by plumbers.	3	21
11	<b>Physical Strains - Temperatures and Noise and Vibrations</b> This segment looks at the effects of extreme temperatures and noise and vibrations on the health and wellbeing of plumbers.	3	19
12	<b>Physical Hazards</b> This segment examines common physical hazards encountered by plumbers including burns, eye injuries, and slips, trips, and falls.	3	20
13	<b>Physical Hazards - Electrical</b> This segment is focused on electrical hazards. This segment also covers OSHA general electrical regulations.	3	20
14	<b>Review of Safety Requirements</b> This segment briefly reviews the content presented in this course.	2	20
15	<b>Conclusion</b> The segment closes out the course.	0	5
	<b>Totals:</b>	<b>40</b>	<b>241</b>
	<b>Student Minimum Time Required:</b>		<b>200</b>