Course Name	**Safety for Plumbers**
Credit Hours	4 Hours
Instructor(s)	Randy Drake
Fee	$49.00
Reference Materials	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.

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Schedule and Location

This course is available online at any time at www.TradesmanCE.com. Upon enrolling in the course, Learners will have six (6) months from the date of enrollment to complete their course. However, this time frame may be shortened or lengthened if course expiration dates or regulatory requirements dictate otherwise.

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.

Definition of Attendance

To be considered as "attending" a course, learners must log in to the Learning Management System (LMS) and complete all course materials, including any mandatory quizzes, exams, and interactive components. Simply logging in is not sufficient; active engagement with all required elements is essential. Learners will have six (6) months from the date of enrollment to complete their course. However, this time frame may be shortened or lengthened if course expiration dates or regulatory requirements dictate otherwise.

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Participation Guidelines

All learners are expected to:

- Complete 100% of the required components of the course.
- Adhere to any specified deadlines within the course timeline.
- Engage with course materials in a consistent and timely manner to remain in good standing.

Failure to complete required components within the designated timeframe may result in loss of access to the course or forfeiture of any certifications or credit hours.

Accountability Measures

To ensure academic integrity and compliance with regulatory standards:

- Each learner must access the LMS using a unique username and password.
- Additional security measures, such as security questions or biometrics, may be implemented based on regulatory requirements.
- An inactivity timer is in place within the LMS. Learners who are not actively engaging with course content will be automatically logged out after a period of inactivity.

Safety for Plumbers Timed Outline

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